NASA SP-7039 (46)
January 1995

P-644

NASA PATENT ABSTRACTS BIBLIOGRAPHY

A CONTINUING BIBLIOGRAPHY
SECTION 2 INDEXES

National Aeronautics and Space Administration

Scientific and Technical Information Office

The NASA STI Office ... in Profile

Since its founding, NASA has been dedicated to the advancement of aeronautics and space science. The NASA Scientific and Technical Information (STI) Office plays a key part in helping NASA maintain this important role.

The NASA STI Office provides access to the NASA STI Database, the largest collection of aeronautical and space science STI in the world. The Office is also NASA's institutional mechanism for disseminating the results of its research and development activities.

Specialized services that help round out the Office's diverse offerings include creating custom thesauri, translating material to or from 34 foreign languages, building customized databases, organizing and publishing research results ... even providing videos.

For more information about the NASA STI Office, you can:

- **Phone** the NASA Access Help Desk at (301) 621-0390
- **Fax** your question to the NASA Access Help Desk at (301) 621-0134
- **E-mail** your question via the **Internet** to help@sti.nasa.gov
- **Write** to:

NASA Access Help Desk
NASA Center for AeroSpace Information
800 Elkridge Landing Road
Linthicum Heights, MD 21090-2934

NASA SP-7039 (46)
January 1994

NASA PATENT ABSTRACTS BIBLIOGRAPHY

A CONTINUING BIBLIOGRAPHY
SECTION 2 INDEXES

National Aeronautics and Space Administration
Scientific and Technical Information Office
Washington, DC 1995

This publication was prepared by the NASA Center for AeroSpace Information, 800 Elkridge Landing Road, Linthicum Heights, MD 21090-2934, (301) 621-0390.

INTRODUCTION

Several thousand inventions result each year from the aeronautical and space research supported by the National Aeronautics and Space Administration. The inventions having important use in government programs or significant commercial potential are usually patented by NASA. These inventions cover practically all fields of technology and include many that have useful and valuable commercial application.

NASA inventions best serve the interests of the United States when their benefits are available to the public. In many instances, the granting of nonexclusive or exclusive licenses for the practice of these inventions may assist in the accomplishment of this objective. This bibliography is published as a service to companies, firms, and individuals seeking new, licensable products for the commercial market.

The *NASA Patent Abstracts Bibliography (NASA PAB) is* a semiannual NASA publication containing comprehensive abstracts and indexes of NASA-owned inventions covered by U.S. patents and applications for patent. The citations included in *NASA PAB* were originally published in NASA's *Scientific and Technical Aerospace Reports (STAR)* and cover *STAR* announcements made since May 1969.

For the convenience of the user, each issue of *NASA PAB* has a separately bound Abstract Section (Section 1) and Index Section (Section 2). Although each Abstract Section covers only the indicated six-month period, the Index Section is cumulative covering all NASA-owned inventions announced in *STAR* since 1969. Thus a complete set of *NASA PAB* would consist of the Abstract Sections of Issue 04 (January 1974) and Issue 12 (January 1978) and the Abstract Section for all subsequent issues and the Index Section for the most recent issue.

The 108 citations published in this issue of the Abstract Section cover the period July 1994 through December 1994. The Index Section references over 5600 citations covering the period May 1969 through December 1994.

ABSTRACT SECTION (SECTION 1)

This *PAB* issue includes 10 major subject divisions separated into 76 specific categories and one general category/division. (See Table of Contents for the scope note of each category, under which are grouped appropriate NASA inventions.) This scheme was devised in 1975 and revised in 1987 in lieu of the 34 category divisions which were utilized in *PAB* supplements (01) through (06) covering *STAR* abstracts from May 1969 through January 1974. Each entry in the Abstract Section consists of a *STAR* citation accompanied by an abstract and, when appropriate, a key illustration taken from the patent or application for patent. Entries are arranged by subject category in order of the ascending NASA Accession Number originally assigned for *STAR* to the invention. The range of NASA Accession Numbers within each issue is printed on the inside back cover.

Abstract Citation Data Elements: Each of the abstract citations has several data elements useful for identification and indexing purposes, as follows:

NASA Accession Number
NASA Case Number
Inventor's Name
Title of Invention
U.S. Patent Application Serial Number
U.S. Patent Number (for issued patents only)
U.S. Patent Office Classification Number(s)
(for issued patents only)

These data elements are identified in the Typical Citation and Abstract and in the indexes.

INDEX SECTION (SECTION 2)

The Index Section is divided into five indexes. These indexes are cross-indexed and are used to locate a single *invention or groups of inventions.*

Subject Index: Lists all inventions according to appropriate alphabetized technical term and indicates the related NASA Case Number, the Subject Category Number, and the Accession Number.

Inventor Index: Lists all inventions according to alphabetized names of inventors and indicates the related NASA Case Number, the Subject Category Number, and the Accession Number.

Source Index: Lists all inventions according to alphabetized source of invention (i.e., name of contractor or government installation where invention was made) and indicates the related NASA Case Number, the Subject Category Number, and the Accession Number.

Number Index: Lists inventions in order of ascending (1) NASA Case Number, (2) U.S. Patent Application Serial number, (3) U.S. Patent Classification Number, and (4) U.S. Patent Number and indicates the related Subject Category Number and the Accession Number.

Accession Number Index: Lists all inventions in order of ascending Accession Number and indicates the related Subject Category Number, the NASA Case Number, the U.S. Patent Application Serial Number, the U.S.Patent Classification Number, and the U.S. Patent Number.

HOW TO USE THIS PUBLICATION TO IDENTIFY NASA INVENTIONS

To identify one or more NASA inventions within a specific technical field or subject, several techniques are possible with the flexibility incorporated into the *NASA PAB.*

(1) *Using Subject Category:* To identify all NASA inventions in any one of the subject categories in this issue of *NASA PAB,* select the desired Subject Category in the Abstract Section (Section 1) and find the inventions abstracted thereunder.

(2) *Using Subject Index:* To identify all NASA inventions listed under a desired technical subject index term, (A) turn to the cumulative Subject Index in the Index Section and find the invention(s) listed under the desired technical subject term. (B) Note the indicated Accession Number and the Subject Category Number. (C) Using the indicated Accession Number, turn to the inside front cover of the Index Section to determine which issue of the Abstract Section includes the Accession Number desired. (D) To find the abstract of the particular invention in the issue of the Abstract Section selected, (1) use the Subject Category Number to locate the Subject Category and (2) use the Accession Number to locate the desired invention within the Subject Category listing.

(3) *Using Patent Classification Index:* To identify all inventions covered by issued NASA patents (not including applications for patent) within a desired Patent Classification, (A) turn to the Patent Classification Number in the Number Index of Section 2 and find the associated invention(s), and (B) follow the instructions outlined in (2)(B), and (D) above.

Subject Categories

(1969-1973)

01 Aerodynamics
Includes aerodynamics of bodies, combinations, internal flow in ducts and turbomachinery; wings, rotors, and control surfaces. For applications see: 02 Aircraft; and 32 Space Vehicles. For related information see also: 12 Fluid Mechanics; and 33 Thermodynamics and Combustion.

02 Aircraft
Includes fixed-wing airplanes, helicopters, gliders, balloons, ornithopters, etc.; and specific types of complete aircraft; e.g., ground effect machines, STOL, and VTOL; flight tests; operating problems; e.g., sonic boom; safety and safety devices; economics; and stability and control. For basic research see: 01 Aerodynamics. For related information see also: 31 Space Vehicles; and 32 Structural Mechanics.

03 Auxiliary Systems
Includes fuel cells, energy conversion cells, and solar cells; auxiliary gas turbines; hydraulic, pneumatic and electrical systems; actuators; and inverters. For related information see also: 09 Electronic Equipment; 22 Nuclear Engineering; and 28 Propulsion Systems.

04 Biosciences
Includes aerospace medicine, exobiology, radiation effects on biological systems; physiological and psychological factors. For related information see also: 05 Biotechnology.

05 Biotechnology
Includes life support systems, human engineering; protective clothing and equipment; crew training and evaluation, and piloting. For related information see also: 04 Biosciences.

06 Chemistry
Includes chemical analysis and identification; e.g., spectroscopy. For applications see: 17 Materials, Metallic; 18 Materials, Nonmetallic; and 27 Propellants.

07 Communications
Includes communications equipment and techniques; noise; radio and communications blackout; modulation telemetry; tracking radar and optical observation; and wave propagation. For basic research see: 23 Physics, General; and 21 Navigation.

08 Computers
Includes computer operation and programming; and data processing. For applications, see specific categories. For related information see also: 19 Mathematics.

09 Electronic Equipment
Includes electronic test equipment and maintainability; component parts; e.g., electron tubes, tunnel diodes, transistors, integrated circuity; microminiaturization. For basic research see: 10 Electronics. For related information see also: 07 Communications; and 21 Navigation.

10 Electronics
Includes circuit theory; and feedback and control theory. For applications see: 09 Electronic Equipment. For related information see specific Physics categories.

11 Facilities, Research and Support
Includes airports; lunar and planetary bases including associated vehicles; ground support systems; related logistics; simulators; test facilities; e.g., rocket engine test stands, shock tubes, and wind tunnels; test ranges; and tracking stations.

12 Fluid Mechanics
Includes boundary-layer flow; compressible flow; gas dynamics; hydrodynamics; and turbulence. For related information see also: 01 Aerodynamics; and 33 Thermodynamics and Combustion.

13 Geophysics
Includes aeronomy; upper and lower atmosphere studies; oceanography; cartography; and geodesy. For related information see also: 20 Meteorology; 29 Space Radiation; and 30 Space Sciences.

14 Instrumentation and Photography
Includes design, installation, and testing of instrumentation systems; gyroscopes; measuring instruments and gauges; recorders, transducers; aerial photography; and telescopes and cameras.

15 Machine Elements and Processes
Includes bearings, seals, pumps, and other mechanical equipment; lubrication, friction, and wear; manufacturing processes and quality control; reliability; drafting; and materials fabrication, handling, and inspection.

16 Masers
Includes applications of masers and lasers. For basic research see: 26 Physics, Solid-State.

17 Materials, Metallic
Includes cermets; corrosion; physical and mechanical properties of materials; metallurgy; and applications as structural materials. For basic research see: 06 Chemistry. For related information see also: 18 Materials, Nonmetallic; and 32 Structural Mechanics.

18 Materials, Nonmetallic
Includes corrosion; physical and mechanical properties of materials; e.g., plastics; and elastomers, hydraulic fluids, etc. For basic research see: 06 Chemistry. For related information see also: 17 Materials, Metallic; 27 Propellants; and 32 Structural Mechanics.

19 Mathematics
Includes calculation methods and theory; and numerical analysis. For applications see specific categories. For related information see also: 08 Computers.

20 Meteorology
Includes climatology; weather forecasting; and visibility studies. For related information see also: 13 Geophysics; and 30 Space Sciences.

21 Navigation
Includes guidance; autopilots; star and planet tracking; inertial platforms; and air traffic control. For related information see also: 07 Communications.

22 Nuclear Engineering
Includes nuclear reactors and nuclear heat sources used for propulsion and auxiliary power. For basic research see: 24 Physics, Atomic, Molecular, and Nuclear. For related information see also: 03 Auxiliary Systems; and 28 Propulsion Systems.

23 Physics, General
Includes acoustics, cryogenics, mechanics, and optics. For astrophysics see: 30 Space Sciences. For geophysics and related information see also: 13 Geophysics; 20 Meteorology; and 29 Space Radiation.

24 Physics, Atomic, Molecular, and Nuclear
Includes atomic, molecular and nuclear physics. For applications see: 22 Nuclear Engineering. For related information see also: 29 Space Radiation.

25 Physics, Plasma
Includes magnetohydrodynamics. For applications see: 28 Propulsion Systems.

26 Physics, Solid-State
Includes semiconductor theory; and superconductivity. For applications see: 16 Masers. For related information see also: 10 Electronics.

27 Propellants
Includes fuels; igniters; and oxidizers. For basic research see: 06 Chemistry; and 33 Thermodynamics and Combustion. For related information see also: 28 Propulsion Systems.

28 Propulsion Systems
Includes air breathing, electric, liquid, solid, and magnetohydrodynamic propulsion. For nuclear propulsion see: 22 Nuclear Engineering. For basic research see: 23 Physics, General; and 33 Thermodynamics and Combustion. For applications see: 31 Space Vehicles. For related information see also: 27 Propellants.

29 Space Radiation
Includes cosmic radiation; solar flares; solar radiation; and Van Allen radiation belts. For related information see also: 13 Geophysics; and 24 Physics, Atomic, Molecular, and Nuclear.

30 Space Sciences
Includes astronomy and astrophysics; cosmology; lunar and planetary flight and exploration; and theoretical analysis of orbits and trajectories. For related information see also: 11 Facilities, Research and Support; and 31 Space Vehicles.

31 Space Vehicles
Includes launch vehicles; manned space capsules; clustered and multistage rockets; satellites; sounding rockets and probes; and operating problems. For basic research see: 30 Space Sciences. For related information see also: 28 Propulsion Systems; and 32 Structural Mechanics.

32 Structural Mechanics
Includes structural element design and weight analysis; fatigue; thermal stress; impact phenomena; vibration; flutter; inflatable structures; and structural tests. For related information see also: 17 Materials, Metallic; and 18 Materials, Nonmetallic.

33 Thermodynamics and Combustion
Includes ablation, cooling, heating, heat transfer, thermal balance, and other thermal effects; and combustion theory. For related information see also: 12 Fluid Mechanics; and 27 Propellants.

34 General
Includes information of a broad nature related to industrial applications and technology, and to basic research; defense aspects; information retrieval; management; law and related legal matters; and legislative hearings and documents.

TABLE OF CONTENTS

Revised Subject Categories
(Includes 1974 and 1987 revisions)

18 SPACECRAFT DESIGN, TESTING AND PERFORMANCE
Includes satellites; space platforms; space stations; spacecraft systems and components such as thermal and environmental controls; and attitude controls. For life support systems see *54 Man/System Technology and Life Support.* For related information see also *05 Aircraft Design, Testing and Performance, 39 Structural Mechanics,* and *16 Space Transportation.*

19 SPACECRAFT INSTRUMENTATION
For related information see also *06 Aircraft Instrumentation* and *35 Instrumentation and Photography.*

20 SPACECRAFT PROPULSION AND POWER
Includes main propulsion systems and components, e.g., rocket engines; and spacecraft auxiliary power sources. For related information see also *07 Aircraft Propulsion and Power, 28 Propellants and Fuels, 44 Energy Production and Conversion,* and *15 Launch Vehicles and Space Vehicles.*

CHEMISTRY AND MATERIALS

23 CHEMISTRY AND MATERIALS (GENERAL

24 COMPOSITE MATERIALS
Includes physical, chemical, and mechanical properties of laminates and other composite materials. For ceramic materials see *27 Nonmetallic Materials.*

25 INORGANIC AND PHYSICAL CHEMISTRY
Includes chemical analysis, e.g., chromatography; combustion theory; electrochemistry; and photochemistry. For related information see also *77 Thermodynamics and Statistical Physics.*

26 METALLIC MATERIALS
Includes physical, chemical, and mechanical properties of metals, e.g., corrosion; and metallurgy.

27 NONMETALLIC MATERIALS
Includes physical, chemical, and mechanical properties of plastics, elastomers, lubricants, polymers, textiles, adhesives, and ceramic materials. For composite materials see *24 Composite Materials.*

28 PROPELLANTS AND FUELS
Includes rocket propellants, igniters and oxidizers; their storage and handling procedures; and aircraft fuels. For related information see also *07 Aircraft Propulsion and Power, 20 Spacecraft Propulsion and Power,* and *44 Energy Production and Conversion.*

29 MATERIALS PROCESSING
Includes space-based development of products and processes for commercial application. For biological materials see *55 Space Biology.*

ENGINEERING For related information see also *Physics.*

31 ENGINEERING (GENERAL)
Includes vacuum technology; control engineering; display engineering; cryogenics; and fire prevention.

32 COMMUNICATIONS AND RADAR
Includes radar; land and global communications; communications theory; and optical communications. For related information see also *04 Aircraft Communications and Navigation* and *17 Space Communications, Spacecraft Communications, Command and Tracking.* For search and rescue see *03 Air Transportation and Safety* and *16 Space Transportation.*

33 ELECTRONICS AND ELECTRICAL ENGINEERING
Includes test equipment and maintainability; components, e.g., tunnel diodes and transistors; microminiaturization; and integrated circuitry. For related information see also *60 Computer Operations and Hardware* and *76 Solid-State Physics.*

34 FLUID MECHANICS AND HEAT TRANSFER
Includes boundary layers; hydrodynamics; fluidics; mass transfer and ablation cooling. For related information see also *02 Aerodynamics* and *77 Thermodynamics and Statistical Physics.*

35 INSTRUMENTATION AND PHOTOGRAPHY
Includes remote sensors; measuring instruments and gauges; detectors; cameras and photographic supplies; and holography. For aerial photography see *43 Earth Resources and Remote Sensing.* For related information see also *06 Aircraft Instrumentation* and *19 Spacecraft Instrumentation.*

36 LASERS AND MASERS
Includes parametric amplifiers. For related information see also *76 Solid-State Physics.*

37 MECHANICAL ENGINEERING
Includes auxiliary systems (nonpower); machine elements and processes; and mechanical equipment.

38 QUALITY ASSURANCE AND RELIABILITY
Includes product sampling procedures and techniques; and quality control.

39 STRUCTURAL MECHANICS
Includes structural element design and weight analysis; fatigue; and thermal stress. For applications see *05 Aircraft Design, Testing and Performance* and *18 Spacecraft Design, Testing and Performance.*

GEOSCIENCES For related information see also *Space Sciences.*

42 GEOSCIENCES (GENERAL)

43 EARTH RESOURCES AND REMOTE SENSING
Includes remote sensing of earth resources by aircraft and spacecraft; photogrammetry; and aerial photography. For instrumentation see *35 Instrumentation and Photography.*

44 ENERGY PRODUCTION AND CONVERSION
Includes specific energy conversion systems, e.g., fuel cells; global sources of energy; geophysical conversion; and windpower. For related information see also *07 Aircraft Propulsion and Power, 20 Spacecraft Propulsion and Power,* and *28 Propellants and Fuels.*

45 ENVIRONMENT POLLUTION
Includes atmospheric, noise, thermal, and water pollution.

46 GEOPHYSICS
Includes aeronomy; upper and lower atmosphere studies; ionospheric and magnetospheric physics; and geomagnetism. For space radiation see *93 Space Radiation.*

47 METEOROLOGY AND CLIMATOLOGY
Includes weather forecasting and modification.

48 OCEANOGRAPHY
Includes biological, dynamic, and physical oceanography; and marine resources. For related information see also *43 Earth Resources and Remote Sensing.*

LIFE SCIENCES

51 LIFE SCIENCES (GENERAL)

52 AEROSPACE MEDICINE
Includes physiological factors; biological effects of radiation; and effects of weightlessness on man and animals.

53 BEHAVIORAL SCIENCES
Includes psychological factors; individual and group behavior; crew training and evaluation; and psychiatric research.

54 MAN/SYSTEM TECHNOLOGY AND LIFE SUPPORT
Includes human engineering; biotechnology; and space suits and protective clothing. For related information see also *16 Space Transportation.*

55 SPACE BIOLOGY
Includes exobiology; planetary biology; and extraterrestrial life.

MATHEMATICAL AND COMPUTER SCIENCES

59 MATHEMATICAL AND COMPUTER SCIENCES (GENERAL)

60 COMPUTER OPERATIONS AND HARDWARE
Includes hardware for computer graphics, firmware, and data processing. For components see *33 Electronics and Electrical Engineering.*

61 COMPUTER PROGRAMMING AND SOFTWARE
Includes computer programs, routines, algorithms, and specific applications, e.g., CAD/CAM.

62 COMPUTER SYSTEMS
Includes computer networks and special application computer systems.

63 CYBERNETICS
Includes feedback and control theory, artificial intelligence, robotics and expert systems. For related information see also *54 Man/System Technology and Life Support.*

64 NUMERICAL ANALYSIS
Includes iteration, difference equations, and numerical approximation.

65 STATISTICS AND PROBABILITY
Includes data sampling and smoothing; Monte Carlo method; and stochastic processes.

66 SYSTEMS ANALYSIS
Includes mathematical modeling; network analysis; and operations research.

67 THEORETICAL MATHEMATICS
Includes topology and number theory.

PHYSICS For related information see also *Engineering.*

70 PHYSICS (GENERAL)
For precision time and time interval (PTTI) see *35 Instrumentation and Photography;* for geophysics, astrophysics or solar physics see *46 Geophysics, 90 Astrophysics,* or *92 Solar Physics.*

71 ACOUSTICS
Includes sound generation, transmission, and attenuation. For noise pollution see *45 Environment Pollution.*

72 ATOMIC AND MOLECULAR PHYSICS
Includes atomic structure, electron properties, and molecular spectra.

73 NUCLEAR AND HIGH-ENERGY PHYSICS
Includes elementary and nuclear particles; and reactor theory. For space radiation see *93 Space Radiation.*

74 OPTICS
Includes light phenomena and optical devices. For lasers see *36 Lasers and Masers.*

75 PLASMA PHYSICS
Includes magnetohydrodynamics and plasma fusion. For ionospheric plasmas see *46 Geophysics.* For space plasmas see *90 Astrophysics.*

76 SOLID-STATE PHYSICS
Includes superconductivity. For related information see also *33 Electronics and Electrical Engineering* and *36 Lasers and Masers.*

77 THERMODYNAMICS AND STATISTICAL PHYSICS
Includes quantum mechanics; theoretical physics; and Bose and Fermi statistics. For related information see also *25 Inorganic and Physical Chemistry* and *34 Fluid Mechanics and Heat Transfer.*

SOCIAL SCIENCES

80 SOCIAL SCIENCES (GENERAL)
Includes educational matters.

81 ADMINISTRATION AND MANAGEMENT
Includes management planning and research.

82 DOCUMENTATION AND INFORMATION SCIENCE
Includes information management; information storage and retrieval technology; technical writing; graphic arts; and micrography. For computer documentation see *61 Computer Programming and Software.*

83 ECONOMICS AND COST ANALYSIS
Includes cost effectiveness studies.

84 LAW, POLITICAL SCIENCE AND SPACE POLICY
Includes NASA appropriation hearings; aviation law; space law and policy; international law; international cooperation; and patent policy.

85 URBAN TECHNOLOGY AND TRANSPORTATION
Includes applications of space technology to urban problems; technology transfer; technology assessment; and surface and mass transportation. For related information see *03 Air Transportation and Safety, 16 Space Transportation,* and *44 Energy Production and Conversion.*

SPACE SCIENCES For related information see also *Geosciences.*

88 SPACE SCIENCES (GENERAL)

89 ASTRONOMY
Includes radio, gamma-ray, and infrared astronomy; and astrometry.

90 ASTROPHYSICS
Includes cosmology; celestial mechanics; space plasmas; and interstellar and interplanetary gases and dust. For related information see also *75 Plasma Physics.*

91 LUNAR AND PLANETARY EXPLORATION
Includes planetology; and manned and unmanned flights. For spacecraft design or space stations see *18 Spacecraft Design, Testing and Performance.*

92 SOLAR PHYSIC
Includes solar activity, solar flares, solar radiation and sunspots. For related information see *93 Space Radiation.*

93 SPACE RADIATION
Includes cosmic radiation; and inner and outer earth's radiation belts. For biological effects of radiation see *52 Aerospace Medicine.* For theory see *73 Nuclear and High-Energy Physics.*

GENERAL

Includes aeronautical, astronautical, and space science related histories, biographies, and pertinent reports too broad for categorization; histories or broad overviews of NASA programs.

99 GENERAL

Section 2 • Indexes

TYPICAL CITATION AND ABSTRACT

NASA SPONSORED

ON MICROFICHE

ACCESSION NUMBER → N94-29363*# National Aeronautics and Space Administration. ← CORPORATE SOURCE
Ames Research Center, Moffett Field, CA.

TITLE → **IMPROVED IN-FLOW ACOUSTIC SENSOR Patent Application**

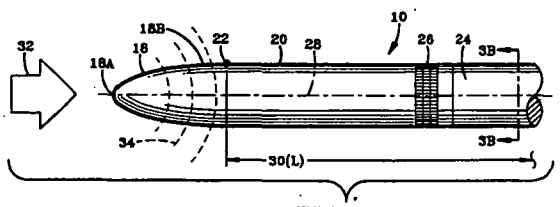
INVENTOR → CHRISTOPHER S. ALLEN, inventor (to NASA) (Sterling Software, Inc., Moffett Field, CA.) 10 Nov. 1993 22 p

CONTRACT NUMBER → (Contract NAS2-13210)

NASA CASE NUMBER AND US PATENT APPLICATION SERIAL NUMBER → (NASA-CASE-ARC-12001-1; NAS 1.71:ARC-12001-1; US-PATENT-APPL-SN-149896) Avail: CASI HC A03/MF A01 ← AVAILABILITY SOURCE

An acoustic sensor for measuring acoustic waves contained in fluid flowing over the sensor is described. The acoustic sensor reduces any unwanted self-noise associated with the flowing fluid by providing a nose cone having proper aerodynamic properties and by positioning the diaphragm of a microphone of the sensor at a location where any unwanted noise is at a relatively low level. The nose cone has a rounded, blunt or even sharp tip, neither of which creates any major disturbances in the flowing fluid which it intercepts. ← ABSTRACT

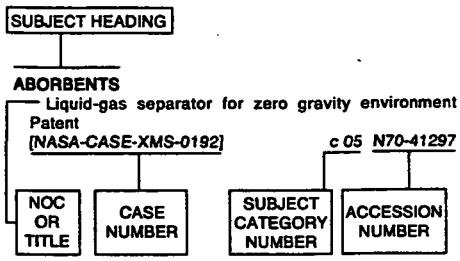
NASA



← KEY ILLUSTRATION

FIG–3A

Typical Subject Index Listing



The subject heading is a key to the subject content of the document. A brief description of the document, e.g., title, title plus a title extension, or notation of content (NOC), is included for each subject entry to indicate the subject heading context; these descriptions are arranged under each subject heading in ascending accession number order. The case number serves as the prime access number to the patent documents. The subject category number indicates the category in Section 1 (Abstracts) in which the patent citation and abstract are located. The accession number denotes the number by which the citation is identified within the subject category.

A

B

C

D

E

F

G

H

J

K

L

M

N

O

P

Q

R

S

T

U

V

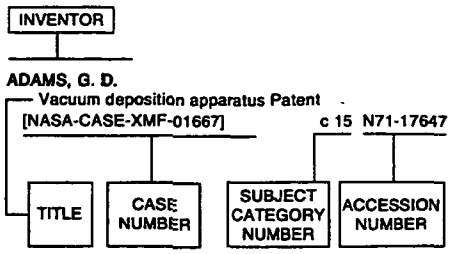
W

X

Y

Z

Typical Inventor Index Listing



Listings in this index are arranged alphabetically by inventor. The title of the document provides the user with a brief description of the subject matter. The case number is the prime access point to patent documents. The subject category number indicates the category in Section 1 (Abstracts) in which the citation is located. The accession number denotes the number by which the citation is identified within the subject category. The titles are arranged under each inventor in ascending accession number order.

A

AARON, JAMES
Low-noise nozzle valve
[NASA-CASE-MFS-28383-1] c 34 N91-14563

ABBOTT, TERENCE S.
Method and system for monitoring and displaying engine performance parameters
[NASA-CASE-LAR-14049-1] c 07 N89-23466

ABEDIN, M. N.
Method and apparatus for evaluating multilayer objects for imperfections
[NASA-CASE-LAR-14581-1-SB] c 38 N93-12204

ABEL, I. R.
Optical instruments
[NASA-CASE-MSC-14096-1] c 74 N74-15095

ABER, GREG S.
Rotary blood pump
[NASA-CASE-MSC-22424-1] c 37 N94-29370

ABERNATHY, W. J.
Insert facing tool
[NASA-CASE-MFS-21485-1] c 37 N74-25968

ABHYANKAR, K. D.
Interferometer-polarimeter
[NASA-CASE-NPO-11239] c 14 N73-12446

ABRAMS, EVE M.
Device for applying constant pressure to a surface
[NASA-CASE-GSC-13230-1] c 37 N92-28754

ABSHIRE, J. B.
Polarization compensator for optical communications
[NASA-CASE-GSC-11782-1] c 74 N76-30053
Geodetic distance measuring apparatus
[NASA-CASE-GSC-12609-1] c 36 N81-22344
Geodetic distance measuring apparatus
[NASA-CASE-GSC-12609-2] c 36 N83-29681
Optical distance measuring instrument
[NASA-CASE-GSC-12761-1] c 74 N86-32266

ACHAR, B. N.
Metal phthalocyanine polymers
[NASA-CASE-ARC-11405-1] c 27 N84-27884
Phthalocyanine polymers
[NASA-CASE-ARC-11413-1] c 27 N85-21348
Metal (2) 4,4',4',4'' phthalocyanine tetraamines as curing agents for epoxy resins
[NASA-CASE-ARC-11424-1] c 27 N85-34281
Metal phthalocyanine intermediates for the preparation of polymers
[NASA-CASE-ARC-11405-2] c 27 N86-19455

ACHAR, BAPPALIGE N.
Process for preparing phthalocyanine polymer from imide containing bisphthalonitrile
[NASA-CASE-ARC-11511-2] c 27 N87-21112

ACORD, J. D.
Photosensitive device to detect bearing deviation Patent
[NASA-CASE-XNP-00438] c 21 N70-35089
Space vehicle attitude control Patent
[NASA-CASE-XNP-00465] c 21 N70-35395
Attitude control for spacecraft Patent
[NASA-CASE-XNP-02982] c 31 N70-41855
Anti-backlash circuit for hydraulic drive system Patent
[NASA-CASE-XNP-01020] c 03 N71-12260
Solar vane actuator Patent
[NASA-CASE-XNP-05535] c 14 N71-23040

ACRES, WILLIAM R.
Preloadable vector sensitive latch
[NASA-CASE-MSC-20910-1] c 37 N87-25582

ACUNA, M. H.
Two axis fluxgate magnetometer Patent
[NASA-CASE-GSC-10441-1] c 14 N71-27325
Controllable high voltage source having fast settling time
[NASA-CASE-GSC-11844-1] c 33 N75-19522

ADACHI, R. R.
Programmable physiological infusion
[NASA-CASE-ARC-10447-1] c 52 N74-22771

ADAMOVSKY, GRIGORY
Fiber optic sensing system
[NASA-CASE-LEW-14795-1] c 74 N91-21871

ADAMS, C. M., JR.
Pretreatment method for anti-wettable materials
[NASA-CASE-XMS-03537] c 15 N69-21471

ADAMS, G. D.
Vacuum deposition apparatus Patent
[NASA-CASE-XMF-01667] c 15 N71-17647
Evaporant source for vapor deposition Patent
[NASA-CASE-XMF-06065] c 15 N71-20395

ADAMS, R. R.
Miniature spectrally selective dosimeter
[NASA-CASE-LAR-12469-1] c 35 N83-21311

ADAMS, W. A.
High stability amplifier
[NASA-CASE-GSC-12646-1] c 33 N83-34191
High stability buffered phase comparator
[NASA-CASE-GSC-12645-1] c 33 N84-16454

ADAMSON, A. P.
Impact absorbing blade mounts for variable pitch blades
[NASA-CASE-LEW-12313-1] c 37 N78-10468
Variable thrust nozzle for quiet turbofan engine and method of operating same
[NASA-CASE-LEW-12317-1] c 07 N78-17055
Gas turbine engine with convertible accessories
[NASA-CASE-LEW-12390-1] c 07 N78-17056
Integrated gas turbine engine-nacelle
[NASA-CASE-LEW-12389-2] c 07 N78-18066
Gas turbine engine with recirculating bleed
[NASA-CASE-LEW-12452-1] c 07 N78-25089
Integrated gas turbine engine-nacelle
[NASA-CASE-LEW-12389-3] c 07 N79-14096

ADAMSON, M. J.
Ultraviolet and thermally stable polymer compositions
[NASA-CASE-ARC-10592-1] c 27 N74-21156
Electrical conductivity cell and method for fabricating the same
[NASA-CASE-ARC-10810-1] c 33 N76-19339
Ultraviolet and thermally stable polymer compositions
[NASA-CASE-ARC-10592-2] c 27 N76-32315

AGARWAL, AVAL K.
Method of measuring cross-flow vortices by use of an array of hot-film sensors
[NASA-CASE-LAR-14824-1-SB] c 34 N93-26000

AGRAWAL, A. K.
Multicomputer communication system
[NASA-CASE-NPO-15433-1] c 32 N85-21428

AHL, E. L., JR.
Latching mechanism for deployable/re-stowable columns useful in satellite construction
[NASA-CASE-LAR-13169-1] c 37 N86-25791

AHL, ELVIN L.
Antenna surface contour control system
[NASA-CASE-LAR-13798-1] c 32 N89-25363

AHMED, SHAFFIQ
Solidification processing of alloys using an applied electric field
[NASA-CASE-MFS-26083-1-CU] c 26 N90-26940

AIRTH, H. B., JR.
Regulated power supply Patent
[NASA-CASE-XMS-01991] c 09 N71-21449

AISENBERG, S.
Doppler shift system
[NASA-CASE-HQN-10740-1] c 72 N74-19310

AJELLO, J. M.
High resolution threshold photoelectron spectroscopy by electron attachment
[NASA-CASE-NPO-14078-1] c 72 N80-14877

AJIOKA, J. S.
High efficiency multifrequency feed
[NASA-CASE-GSC-11909] c 32 N74-20863

AKAWIE, R. I.
Thiophenyl ether disiloxanes and trisiloxanes useful as lubricant fluids
[NASA-CASE-MFS-22411-1] c 37 N74-21058

AKKERMAN, J. W.
Reciprocating engines
[NASA-CASE-MSC-16239-1] c 37 N81-32510
Automatic compression adjusting mechanism for internal combustion engines
[NASA-CASE-MSC-18807-1] c 37 N83-36483

AKKERMAN, JAMES W.
Rotary blood pump
[NASA-CASE-MSC-22424-1] c 37 N94-29370

ALADZHADZHYAN, SAMUEL H.
Generation of intense negative ion beams
[NASA-CASE-NPO-16061-1-CU] c 72 N87-21660

ALAHUZOS, GEORGE
Hazardous materials emergency response mobile robot
[NASA-CASE-NPO-18690-1-CU] c 37 N92-34205

ALARIO, J. P.
Monogroove heat pipe design: Insulated liquid channel with bridging wick
[NASA-CASE-MSC-20497-1] c 34 N85-29180
Multi-leg heat pipe evaporator
[NASA-CASE-MSC-20812-1] c 34 N86-27593

ALBRECHT, W. P.
Fifth wheel
[NASA-CASE-FRC-10081-1] c 37 N77-14477

ALBRIGHT, C. F.
Water management system and an electrolytic cell therefor Patent
[NASA-CASE-MSC-10960-1] c 03 N71-24718
Process for separation of dissolved hydrogen from water by use of palladium and process for coating palladium with palladium black
[NASA-CASE-MSC-13335-1] c 06 N72-31140

ALBUS, J. S.
Light sensitive digital aspect sensor Patent
[NASA-CASE-XGS-00359] c 14 N70-34158
System and method for tracking a signal source
[NASA-CASE-HQN-10880-1] c 17 N78-17140

ALCORN, G. E.
Imaging X-ray spectrometer
[NASA-CASE-GSC-12682-1] c 35 N84-33765
GaAs Schottky barrier photo-responsive device and method of fabrication
[NASA-CASE-GSC-12816-1] c 76 N86-20150
Method of fabricating an imaging X-ray spectrometer
[NASA-CASE-GSC-12956-1] c 35 N87-14671

ALDERFER, DAVID W.
Off-surface infrared flow visualization
[NASA-CASE-LAR-14568-1] c 74 N93-22037
Optical flameout detector
[NASA-CASE-LAR-14997-1] c 35 N94-29368

ALDRICH, B. R.
Underwater space suit pressure control regulator
[NASA-CASE-MFS-20332] c 05 N72-20097

B

C

D

E

F

G

H

I

K

L

M

N

O

P

Q

R

S

T

U

V

W

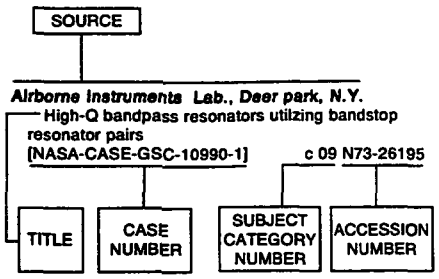
Y

Z

NASA PATENT ABSTRACTS BIBLIOGRAPHY
Section 2

January 1995

Typical Source Index Listing



Listings in this index are arranged alphabetically by source. The title of the document provides the user with a brief description of the subject matter. The case number is the prime access point to patent documents. The subject category number indidicates the category in Section 1 (Abstracts) in which the citation is located. The accession number denotes the number by which the citation is identified within the subject category. The titles are arranged under each source in ascending accession number order.

A

Adjunct Systems, Inc., Huntsville, AL.
Longwall shearer tracking system
[NASA-CASE-MFS-25717-1] c 35 N84-33768

Aeroflex Labs., Inc., Plainview, NY.
Rotary actuator
[NASA-CASE-NPO-10244] c 15 N72-26371

Aerojet-General Corp., El Monte, CA.
High-speed infrared furnace
[NASA-CASE-XLE-10466] c 17 N69-25147
Ammonium perchlorate composite propellant containing an organic transitional metal chelate catalytic additive Patent
[NASA-CASE-LAR-10173-1] c 27 N71-14090
Swirling flow nozzle Patent
[NASA-CASE-XNP-03692] c 28 N71-24321
Automatic battery charger Patent
[NASA-CASE-XNP-04758] c 03 N71-24605
Attitude control system for sounding rockets Patent
[NASA-CASE-XGS-01654] c 31 N71-24750
Tensile strength testing device Patent
[NASA-CASE-XNP-05634] c 15 N71-24834
Hydroforming techniques using epoxy molds Patent
[NASA-CASE-XLE-05641-1] c 15 N71-26346
Electrical apparatus for detection of thermal decomposition of insulation Patent
[NASA-CASE-XMF-03968] c 14 N71-27186
Method and apparatus for nondestructive testing of pressure vessels
[NASA-CASE-NPO-12142-1] c 38 N76-28563

Aerojet-General Corp., Glendale, CA.
Rotating shaft seal Patent
[NASA-CASE-XNP-02862-1] c 15 N71-26294

Aerojet-General Corp., Sacramento, CA.
Process of forming particles in a cryogenic path Patent
[NASA-CASE-NPO-10250] c 23 N71-16212

Aeronautical Research Associates of Princeton, Inc., NJ.
Integrated lift/drag controller for aircraft
[NASA-CASE-ARC-10456-1] c 05 N75-12930

Air Products and Chemicals, Inc., Philadelphia, PA.
Low heat leak connector for cryogenic system
[NASA-CASE-XLE-02367-1] c 31 N79-21225

Airborne Instruments Lab., Deer Park, NY.
High-Q bandpass resonators utilizing bandstop resonator pairs
[NASA-CASE-GSC-10990-1] c 09 N73-26195

AiResearch Mfg. Co., Torrance, CA.
Combinational logic for generating gate drive signals for phase control rectifiers
[NASA-CASE-MFS-25208-1] c 33 N83-10345
Adaptive control system for line-commutated inverters
[NASA-CASE-MFS-25209-1] c 33 N83-35227

Airtronics, Inc., Washington, DC.
Protection for energy conversion systems
[NASA-CASE-XGS-04808] c 03 N69-25146
Inverter with means for base current shaping for sweeping charge carriers from base region Patent
[NASA-CASE-XGS-06226] c 10 N71-25950

American Air Filter Co., Inc., Saint Louis, MO.
Gas filter mounting structure
[NASA-CASE-MSC-12297] c 14 N72-23457

American Optical Co., Pittsburgh, PA.
Telespectrograph Patent
[NASA-CASE-XLA-03273] c 14 N71-18699

American Optical Co., Southbridge, MA.
Pneumatic mirror support system
[NASA-CASE-XLA-03271] c 11 N69-24321

American Science and Engineering, Inc., Cambridge, MA.
X-ray reflection collimator adapted to focus X-radiation directly on a detector Patent
[NASA-CASE-XHQ-04106] c 14 N70-40240

Ampex Corp., Redwood City, CA.
Method for making conductors for ferrite memory arrays
[NASA-CASE-LAR-10994-1] c 24 N75-13032

Anocut Engineering Co., Chicago, IL.
Apparatus for electrolytically tapered or contoured cavities
[NASA-CASE-XNP-08835-1] c 37 N80-14395

Applied Magnetics Corp., Goleta, CA.
Magnetic recording head and method of making same Patent
[NASA-CASE-GSC-10097-1] c 08 N71-27210

Applied Space Products, Inc., Palo Alto, CA.
Intumescent paints Patent
[NASA-CASE-ARC-10099-1] c 18 N71-15469

Army Air Mobility Research and Development Lab., Hampton, VA.
Helicopter anti-torque system using strakes
[NASA-CASE-LAR-13233-1] c 05 N84-33400

Army Aviation Research and Development Command, Moffett Field, CA.
Clutchless multiple drive source for output shaft
[NASA-CASE-ARC-11325-1] c 37 N82-22496

ARO, Inc., Arnold AFS, TN.
Rhomboid prism pair for rotating the plane of parallel light beams
[NASA-CASE-ARC-11311-1] c 74 N83-13978

Astro Research Corp., Carpinteria, CA.
Foldable beam
[NASA-CASE-LAR-12077-1] c 31 N81-25259

Astro-Space Labs., Inc., Huntsville, AL.
Linear differential pressure sensor Patent
[NASA-CASE-XMF-01974] c 14 N71-22752

Athens Coil., AL.
Apparatus and method for heating a material in a transparent ampoule
[NASA-CASE-MFS-25436-1] c 27 N83-36220

Atlantic Research Corp., Alexandria, VA.
Spherically-shaped rocket motor Patent
[NASA-CASE-XHQ-01897] c 28 N70-35381

Auburn Research Foundation, Inc., AL.
Shear modulated fluid amplifier Patent
[NASA-CASE-MFS-10412] c 12 N71-17578
Laser coolant and ultraviolet filter
[NASA-CASE-MFS-20180] c 16 N72-12440

Auburn Univ., AL.
Automatic frequency control for FM transmitter
[NASA-CASE-MFS-21540-1] c 32 N74-19790
Isolated output system for a class D switching-mode amplifier
[NASA-CASE-MFS-21616-1] c 33 N75-30429
Frequency modulated oscillator
[NASA-CASE-MFS-23181-1] c 33 N77-17351

Autonetics, Anaheim, CA.
Adaptive voting computer system
[NASA-CASE-MSC-13932-1] c 62 N74-14920

Avco Corp., Cincinnati, OH.
Method for forming pyrrone molding powders and products of said method
[NASA-CASE-LAR-10423-1] c 23 N82-29358

Avco Corp., New York, NY.
Signal multiplexer
[NASA-CASE-XGS-01110] c 07 N69-24334

Avco Corp., Wilmington, MA.
Method and apparatus for making a heat insulating and ablative structure Patent
[NASA-CASE-XMS-02009] c 33 N71-20834

B

Baldwin Electronics, Inc., Little Rock, AR.
Digital plus analog output encoder
[NASA-CASE-GSC-12115-1] c 62 N76-31946

Baldwin-Lima-Hamilton Corp., San Francisco, CA.
Valve actuator Patent
[NASA-CASE-XHQ-01208] c 15 N70-35409

Ball Bros. Research Corp., Boulder, CO.
Turnstile slot antenna
[NASA-CASE-GSC-11428-1] c 32 N74-20864
Star scanner
[NASA-CASE-GSC-11569-1] c 89 N74-30886

Barnes Engineering Co., Stamford, CT.
Multi-lobar scan horizon sensor Patent
[NASA-CASE-XGS-00809] c 21 N70-35427
Horizon sensor with a plurality of fixedly positioned radiation compensated radiation sensitive detectors Patent
[NASA-CASE-XNP-06957] c 14 N71-21088
Miniature carbon dioxide sensor and methods
[NASA-CASE-MSC-13332-1] c 14 N72-21408
Wedge immersed thermistor bolometers
[NASA-CASE-XGS-01245-1] c 35 N79-33449

Battelle Columbus Labs., OH.
Attaching of strain gages to substrates
[NASA-CASE-FRC-10093-1] c 35 N80-20560

Battelle Memorial Inst., Columbus, OH.
Process for preparation of diarilinosilanes Patent
[NASA-CASE-XMF-06409] c 06 N71-23230
Process for preparation of high-molecular- weight polyaryloxysilanes Patent
[NASA-CASE-XMF-08674] c 06 N71-28807
Method for determining presence of OH in magnesium oxide
[NASA-CASE-NPO-10774] c 06 N72-17095
Porus electrode comprising a bonded stack of pieces of corrugated metal foil
[NASA-CASE-GSC-11368-1] c 09 N73-32108
Method of making porous conductive supports for electrodes
[NASA-CASE-GSC-11367-1] c 44 N74-19692

Battelle Memorial Inst., Richland, WA.
Low temperature aluminum alloy Patent
[NASA-CASE-XMF-02786] c 17 N71-20743

Battelle Northwest Labs., Richland, WA.
Preparation of high purity copper fluoride
[NASA-CASE-LEW-10794-1] c 06 N72-17093

Bausch and Lomb, Inc., Rochester, NY.
Petzval type objective including field shaping lens Patent
[NASA-CASE-GSC-10700] c 23 N71-30027
Illumination system including a virtual light source Patent
[NASA-CASE-HQN-10781] c 23 N71-30292

Baylor Univ., Houston, TX.
EEG sleep analyzer and method of operation Patent
[NASA-CASE-MSC-13282-1] c 05 N71-24729

SOURCE

C

D

E

F

G

Fuel delivery system including heat exchanger means
[NASA-CASE-LEW-12793-1] c 37 N79-11403
Integrated gas turbine engine-nacelle
[NASA-CASE-LEW-12389-3] c 07 N79-14096
Variable area exhaust nozzle
[NASA-CASE-LEW-12378-1] c 07 N79-14097
Sound-suppressing structure with thermal relief
[NASA-CASE-LEW-12658-1] c 71 N79-14871
Method and apparatus for rapid thrust increases in a turbofan engine
[NASA-CASE-LEW-12971-1] c 07 N80-18039
Curved centerline air intake for a gas turbine engine
[NASA-CASE-LEW-13201-1] c 07 N81-14999
Apparatus for sensor failure detection and correction in a gas turbine engine control system
[NASA-CASE-LEW-12907-2] c 07 N81-19115
Integrated control system for a gas turbine engine
[NASA-CASE-LEW-12594-2] c 07 N81-19116
Thrust reverser for a long duct fan engine
[NASA-CASE-LEW-13199-1] c 07 N82-26293
Control means for a gas turbine engine
[NASA-CASE-LEW-14586-1] c 07 N83-31603
Apparatus for improving the fuel efficiency of a gas turbine engine
[NASA-CASE-LEW-13142-1] c 07 N83-36029
Tip cap for a rotor blade
[NASA-CASE-LEW-13654-1] c 07 N84-22560
Air modulation apparatus
[NASA-CASE-LEW-13524-1] c 07 N84-33410
Flow modifying device
[NASA-CASE-LEW-13562-2] c 07 N85-35195
Method for improving the fuel efficiency of a gas turbine engine
[NASA-CASE-LEW-13142-2] c 07 N86-20389

General Electric Co., Cleveland, OH.
Variable mixer propulsion cycle
[NASA-CASE-LEW-12917-1] c 07 N78-18067

General Electric Co., Philadelphia, PA.
Catalyst for growth of boron carbide single crystal whiskers
[NASA-CASE-XHQ-03903] c 15 N69-21922
Didymium hydrate additive to nickel hydroxide electrodes Patent
[NASA-CASE-XGS-03505] c 03 N71-10608
Bismuth-lead coatings for gas bearings used in atmospheric environments and vacuum chambers Patent
[NASA-CASE-XGS-02011] c 15 N71-20739
Automatic control of liquid cooling garment by cutaneous and external auditory meatus temperatures
[NASA-CASE-MSC-13917-1] c 05 N72-15098
Method for measuring cutaneous sensory perception
[NASA-CASE-MSC-13609-1] c 05 N72-25122
Reaction tester
[NASA-CASE-MSC-13604-1] c 05 N73-13114
Air conditioned suit
[NASA-CASE-LAR-10076-1] c 05 N73-20137
Compton scatter attenuation gamma ray spectrometer
[NASA-CASE-MFS-21441-1] c 14 N73-30392
Inverter ratio failure detector
[NASA-CASE-NPO-13160-1] c 35 N74-18090
Electrophoretic sample insertion
[NASA-CASE-MFS-21395-1] c 25 N74-26948
Apparatus for conducting flow electrophoresis in the substantial absence of gravity
[NASA-CASE-MFS-21394-1] c 34 N74-27744
Multiparameter vision testing apparatus
[NASA-CASE-MSC-13601-2] c 54 N75-27759
Automatic biowaste sampling
[NASA-CASE-MSC-14640-1] c 54 N76-14804
Solar cell module
[NASA-CASE-NPO-14467-1] c 44 N79-31753
Voltage feed through apparatus having reduced partial discharge
[NASA-CASE-GSC-12347-1] c 33 N80-18286

General Electric Co., Pleasanton, CA.
Method of making a cermet Patent
[NASA-CASE-LEW-10219-1] c 18 N71-28729

General Electric Co., Schenectady, NY.
Superconductive accelerometer Patent
[NASA-CASE-XMF-01099] c 14 N71-15969
Remote manipulator system
[NASA-CASE-MFS-22022-1] c 37 N76-15460
Automatic transponder
[NASA-CASE-GSC-12075-1] c 32 N77-31350
Directionally solidified eutectic gamma plus beta nickel-base superalloys
[NASA-CASE-LEW-12906-1] c 26 N77-32279

General Electric Co., Utica, NY.
Method of determining bond quality of power transistors attached to substrates
[NASA-CASE-MFS-21931-1] c 37 N75-26372

General Motors Corp., Detroit, MI.
Hermetic sealed vibration damper Patent
[NASA-CASE-MSC-10959] c 15 N71-26243

General Motors Corp., Milwaukee, WI.
Adjustable tension wire guide Patent
[NASA-CASE-XMS-02383] c 15 N71-15918

General Motors Corp., Santa Barbara, CA.
Resilient wheel Patent
[NASA-CASE-MFS-13929] c 15 N71-27091

General Precision, Inc., Little Falls, NJ.
Reversible current control apparatus Patent
[NASA-CASE-XLA-09371] c 10 N71-18724

General Precision, Inc., Sunnyvale, CA.
Broadband video process with very high input impedance
[NASA-CASE-NPO-10199] c 09 N72-17156

General Precision Systems, Inc., Little Falls, NJ.
Fluidic-thermochromic display device Patent
[NASA-CASE-ERC-10031] c 12 N71-18603

General Research Corp., Santa Barbara, CA.
Sequentially deployable maneuverable tetrahedral beam
[NASA-CASE-LAR-13098-1] c 31 N86-19479

General Technologies Corp., Reston, VA.
Method of making reinforced composite structure
[NASA-CASE-LEW-12619-1] c 24 N77-19171

Geophysics Corp. of America, Bedford, MA.
Inflation system for balloon type satellites Patent
[NASA-CASE-XGS-03351] c 31 N71-16081
Bakeable McLeod gauge
[NASA-CASE-XGS-01293-1] c 35 N79-33450

Geophysics Corp. of America, Boston, MA.
Ionospheric battery Patent
[NASA-CASE-XGS-01593] c 03 N70-35408

George Washington Univ., Washington, DC.
Bacteria detection instrument and method
[NASA-CASE-GSC-11533-1] c 14 N73-13435
Arterial pulse wave pressure transducer
[NASA-CASE-GSC-11531-1] c 52 N74-27566

Giannini Scientific Corp., Santa Ana, CA.
Electric arc light source having undercut recessed anode
[NASA-CASE-ARC-10266-1] c 33 N75-29318
Combination automatic-starting electrical plasma torch and gas shutoff valve
[NASA-CASE-XLE-10717] c 37 N75-29426

Giner, Inc., Waltham, MA.
Catalyst surfaces for the chromous/chromic redox couple
[NASA-CASE-LEW-13148-1] c 33 N80-20487
Catalyst surfaces for the chromous/chromic redox couple
[NASA-CASE-LEW-13148-2] c 44 N81-29524

Globe-Union, Inc., Milwaukee, WI.
Method of coating solar cell with borosilicate glass and resultant product
[NASA-CASE-GSC-11514-1] c 03 N72-24037

Goodyear Aerospace Corp., Akron, OH.
Foldable solar concentrator Patent
[NASA-CASE-XLA-04622] c 03 N70-41580
Method of making a filament-wound container Patent
[NASA-CASE-XLE-03803-2] c 15 N71-17651
Filament wound container Patent
[NASA-CASE-XLE-03803] c 15 N71-23816
Panelized high performance multilayer insulation Patent
[NASA-CASE-MFS-14023] c 33 N71-25351
Thermally activated foaming compositions Patent
[NASA-CASE-LAR-10373-1] c 18 N71-26155
Compression test assembly
[NASA-CASE-LAR-10440-1] c 14 N73-32323
Deployable flexible tunnel
[NASA-CASE-MFS-22636-1] c 37 N76-22540

Grace (W. R.) and Co., Clarksville, MD.
Metal containing polymers from cyclic tetrameric phenylphosphonitrilamides Patent
[NASA-CASE-HQN-10364] c 06 N71-27363

Grumman Aerospace Corp., Bethpage, NY.
Multi-leg heat pipe evaporator
[NASA-CASE-MSC-20812-1] c 34 N86-27593

Grumman Aircraft Engineering Corp., Bethpage, NY.
Sealed cabinetry Patent
[NASA-CASE-MSC-12168-1] c 09 N71-18600
Out of tolerance warning alarm system for plurality of monitored circuits Patent
[NASA-CASE-XMS-10984-1] c 10 N71-19417

Gulf General Atomic, San Diego, CA.
Waveform simulator Patent
[NASA-CASE-NPO-10251] c 10 N71-27365

Gulton Industries, Inc., Albuquerque, NM.
Analog-to-digital converter
[NASA-CASE-MSC-13110-1] c 08 N72-22163

H

Hamilton Standard, Windsor Locks, CT.
Venting device for pressurized space suit helmet Patent
[NASA-CASE-XMS-09652-1] c 05 N71-26333
Regenerable device for scrubbing breathable air of CO2 and moisture without special heat exchanger equipment
[NASA-CASE-MSC-14771-1] c 54 N77-32722
Cell and method for electrolysis of water and anode
[NASA-CASE-MSC-16394-1] c 28 N81-24280
Slow opening valve
[NASA-CASE-MSC-20112-1] c 37 N85-20338

Hamilton Standard Div., United Aircraft Corp., Windsor Locks, CT.
Condensate removal device for heat exchanger
[NASA-CASE-MSC-14143-1] c 77 N75-20139

Harris Corp., Melbourne, FL.
Adaptive polarization separation
[NASA-CASE-LAR-12196-1] c 33 N81-26358
Telescoping columns
[NASA-CASE-LAR-12195-1] c 31 N81-27324

Hayes International Corp., Birmingham, AL.
Space craft soft landing system Patent
[NASA-CASE-XMF-02108] c 31 N70-36845
Device for preventing high voltage arcing in electron beam welding Patent
[NASA-CASE-XMF-08522] c 15 N71-19486

Hayes International Corp., Huntsville, AL.
Method and apparatus for cryogenic wire stripping Patent
[NASA-CASE-MFS-10340] c 15 N71-17628
Self-balancing strain gage transducer Patent
[NASA-CASE-MFS-12827] c 14 N71-17656
Automatic closed circuit television arc guidance control Patent
[NASA-CASE-MFS-13046] c 07 N71-19433

Hazleton Labs., Falls Church, VA.
Use of the enzyme hexokinase for the reduction of inherent light levels
[NASA-CASE-XGS-05533] c 04 N69-27487
Light detection instrument Patent
[NASA-CASE-XGS-05534] c 23 N71-16355
Lyophilized reaction mixtures Patent
[NASA-CASE-XGS-05532] c 06 N71-17705
Firefly pump-metering system
[NASA-CASE-GSC-10218-1] c 15 N72-21465

HC Chem Research and Service, San Jose, CA.
High performance mixed bisimide resins and composites based thereon
[NASA-CASE-ARC-11538-1SB] c 24 N86-21590

Hercules, Inc., Wilmington, DE.
Method of repairing discontinuity in fiberglass structures
[NASA-CASE-LAR-10416-1] c 24 N74-30001

Hoffman Electronics Corp., El Monte, CA.
Method for producing a solar cell having an integral protective covering
[NASA-CASE-XGS-04531] c 03 N69-24267

Honeywell, Inc., Hopkins, MN.
Frequency control network for a current feedback oscillator Patent
[NASA-CASE-GSC-10041-1] c 10 N71-19418

Honeywell, Inc., Minneapolis, MN.
Bus voltage compensation circuit for controlling direct current motor
[NASA-CASE-XMS-04215-1] c 09 N69-39987
Apparatus for overcurrent protection of a push-pull amplifier Patent
[NASA-CASE-MSC-12033-1] c 09 N71-13531
Static inverter Patent
[NASA-CASE-XGS-05289] c 09 N71-19470
High impedance measuring apparatus Patent
[NASA-CASE-XMS-08589-1] c 09 N71-20569
Clamping assembly for inertial components Patent
[NASA-CASE-XMS-02184] c 15 N71-20813
Piezoelectric pump Patent
[NASA-CASE-XNP-05429] c 26 N71-21824
Controllers Patent
[NASA-CASE-XMS-07487] c 15 N71-23255
Convoluting device for forming convolutions and the like Patent
[NASA-CASE-XNP-05297] c 15 N71-23811
Failure sensing and protection circuit for converter networks Patent
[NASA-CASE-GSC-10114-1] c 10 N71-27366
Voice operated controller Patent
[NASA-CASE-XLA-04063] c 31 N71-33160
Load current sensor for a series pulse width modulated power supply
[NASA-CASE-GSC-10656-1] c 09 N72-25249
Radiant source tracker independent of nonconstant irradiance
[NASA-CASE-NPO-11686] c 14 N73-25462
Optical instruments
[NASA-CASE-MSC-14096-1] c 74 N74-15095

Temperature sensitive capacitor device
[NASA-CASE-XNP-09750] c 14 N69-39937

Thermionic tantalum emitter doped with oxygen Patent Application
[NASA-CASE-NPO-11138] c 03 N70-34646

Data handling system based on source significance, storage availability and data received from the source Patent Application
[NASA-CASE-XNP-04162-1] c 08 N70-34675

Electro-optical scanning apparatus Patent Application
[NASA-CASE-NPO-11106] c 14 N70-34697

Liquid junction and method of fabricating the same Patent Application
[NASA-CASE-NPO-10682] c 15 N70-34699

Helium refining by superfluidity Patent
[NASA-CASE-XNP-00733] c 06 N70-34946

Means and methods of depositing thin films on substrates Patent
[NASA-CASE-XNP-00595] c 15 N70-34967

Photosensitive device to detect bearing deviation Patent
[NASA-CASE-XNP-00438] c 21 N70-35089

Antenna beam-shaping apparatus Patent
[NASA-CASE-XNP-00611] c 09 N70-35219

Temperature-compensating means for cavity resonator of amplifier Patent
[NASA-CASE-XNP-00449] c 14 N70-35220

Parabolic reflector horn feed with spillover correction Patent
[NASA-CASE-XNP-00540] c 09 N70-35382

Means for visually indicating flight paths of vehicles between the Earth, Venus, and Mercury Patent
[NASA-CASE-XNP-00708] c 14 N70-35394

Space vehicle attitude control Patent
[NASA-CASE-XNP-00465] c 21 N70-35395

Binary to binary-coded-decimal converter Patent
[NASA-CASE-XNP-00432] c 08 N70-35423

Cassegrainian antenna subflector flange for suppressing ground noise Patent
[NASA-CASE-XNP-00683] c 09 N70-35425

Ionization vacuum gauge Patent
[NASA-CASE-XNP-00646] c 14 N70-35666

Two-fluid magnetohydrodynamic system and method for thermal-electric power conversion Patent
[NASA-CASE-XNP-00644] c 03 N70-36803

Mechanical coordinate converter Patent
[NASA-CASE-XNP-00614] c 14 N70-36907

High pressure four-way valve Patent
[NASA-CASE-XNP-00214] c 15 N70-36908

Liquid rocket system Patent
[NASA-CASE-XNP-00610] c 28 N70-36910

Radar ranging receiver Patent
[NASA-CASE-XNP-00748] c 07 N70-36911

Attitude control for spacecraft Patent
[NASA-CASE-XNP-00294] c 21 N70-36938

Elastic universal joint Patent
[NASA-CASE-XNP-00416] c 15 N70-36947

Apparatus and method for control of a solid fueled rocket vehicle Patent
[NASA-CASE-XNP-00217] c 28 N70-38181

Expulsion bladder-equipped storage tank structure Patent
[NASA-CASE-XNP-00612] c 11 N70-38182

High-voltage cable Patent
[NASA-CASE-XNP-00738] c 09 N70-38201

Umbilical separator for rockets Patent
[NASA-CASE-XNP-00425] c 11 N70-38202

Multiple Belleville spring assembly Patent
[NASA-CASE-XNP-00840] c 15 N70-38225

Ignition system for monopropellant combustion devices Patent
[NASA-CASE-XNP-00249] c 28 N70-38249

Pressure regulating system Patent
[NASA-CASE-XNP-00450] c 15 N70-38603

Slit regulated gas journal bearing Patent
[NASA-CASE-XNP-00476] c 15 N70-38620

Steerable solid propellant rocket motor Patent
[NASA-CASE-XNP-00234] c 28 N70-38645

Space simulator Patent
[NASA-CASE-XNP-00459] c 11 N70-38675

Ejection unit Patent
[NASA-CASE-XNP-00676] c 15 N70-38996

Time-division multiplexer Patent
[NASA-CASE-XNP-00431] c 09 N70-38998

Trajectory-correction propulsion system Patent
[NASA-CASE-XNP-01104] c 28 N70-39931

Electrically-operated rotary shutter Patent
[NASA-CASE-XNP-00637] c 14 N70-40273

Zero gravity starting means for liquid propellant motors Patent
[NASA-CASE-XNP-01390] c 28 N70-41275

Parallel motion suspension device Patent
[NASA-CASE-XNP-01567] c 15 N70-41310

Ignition means for monopropellant Patent
[NASA-CASE-XNP-00876] c 28 N70-41311

Reinforcing means for diaphragms Patent
[NASA-CASE-XNP-01962] c 32 N70-41370

High pressure filter Patent
[NASA-CASE-XNP-00732] c 28 N70-41447

Phase-locked loop with sideband rejecting properties Patent
[NASA-CASE-XNP-02723] c 07 N70-41680

Digital television camera control system Patent
[NASA-CASE-XNP-01472] c 14 N70-41807

Antiflutter ball check valve Patent
[NASA-CASE-XNP-01152] c 15 N70-41811

Roll attitude star sensor system Patent
[NASA-CASE-XNP-01307] c 21 N70-41856

Process for preparing sterile solid propellants Patent
[NASA-CASE-XNP-01749] c 27 N70-41897

Solenoid construction Patent
[NASA-CASE-XNP-01951] c 09 N70-41929

Closed loop ranging system Patent
[NASA-CASE-XNP-01501] c 21 N70-41930

Printed circuit board with bellows rivet connection Patent
[NASA-CASE-XNP-05082] c 15 N70-41960

Phase-shift data transmission system having a pseudo-noise SYNC code modulated with the data in a single channel Patent
[NASA-CASE-XNP-00911] c 08 N70-41961

Baseline stabilization system for ionization detector Patent
[NASA-CASE-XNP-03128] c 10 N70-41991

Single or joint amplitude distribution analyzer Patent
[NASA-CASE-XNP-01383] c 09 N71-10659

Dual waveguide mode source having control means for adjusting the relative amplitude of two modes Patent
[NASA-CASE-XNP-03134] c 07 N71-10676

Method for determining the state of charge of batteries by the use of tracers Patent
[NASA-CASE-XNP-01464] c 03 N71-10728

High pressure regulator valve Patent
[NASA-CASE-XNP-00710] c 15 N71-10778

Solar battery with interconnecting means for plural cells Patent
[NASA-CASE-XNP-06506] c 03 N71-11050

Sealed battery gas manifold construction Patent
[NASA-CASE-XNP-03378] c 03 N71-11051

Solar cell submodule Patent
[NASA-CASE-XNP-05821] c 03 N71-11056

Reflectometer for receiver input impedance match measurement Patent
[NASA-CASE-XNP-10843] c 07 N71-11267

Means for generating a sync signal in an FM communication system Patent
[NASA-CASE-XNP-10830] c 07 N71-11281

Multi-feed cone Cassegrain antenna Patent
[NASA-CASE-NPO-10539] c 07 N71-11285

Thermionic diode switch Patent
[NASA-CASE-NPO-10404] c 03 N71-12255

Anti-backlash circuit for hydraulic drive system Patent
[NASA-CASE-XNP-01020] c 03 N71-12260

Binary number sorter Patent
[NASA-CASE-NPO-10112] c 08 N71-12502

Linear three-tap feedback shift register Patent
[NASA-CASE-NPO-10351] c 08 N71-12503

Binary sequence detector Patent
[NASA-CASE-XNP-05415] c 08 N71-12505

Data compression system with a minimum time delay unit Patent
[NASA-CASE-XNP-08832] c 08 N71-12506

Magnetic counter Patent
[NASA-CASE-XNP-08836] c 09 N71-12515

Operational integrator Patent
[NASA-CASE-NPO-10230] c 09 N71-12520

Starting circuit for vapor lamps and the like Patent
[NASA-CASE-XNP-01058] c 09 N71-12540

Matched thermistors for microwave power meters Patent
[NASA-CASE-NPO-10348] c 10 N71-12554

Micro current measuring device using plural logarithmic response heated filamentary type diodes Patent
[NASA-CASE-XNP-00384] c 09 N71-13530

Automatic thermal switch Patent
[NASA-CASE-XNP-03796] c 23 N71-15467

Photoelectric energy spectrometer Patent
[NASA-CASE-XNP-04161] c 14 N71-15599

Anti-glare improvement for optical imaging systems Patent
[NASA-CASE-NPO-10337] c 14 N71-15604

Fluid flow restrictor Patent
[NASA-CASE-NPO-10117] c 15 N71-15608

High temperature lens construction Patent
[NASA-CASE-XNP-04111] c 14 N71-15622

Solder flux which leaves corrosion-resistant coating Patent
[NASA-CASE-XNP-03459-2] c 18 N71-15688

Intermittent type silica gel adsorption refrigerator Patent
[NASA-CASE-XNP-00920] c 15 N71-15906

Dual mode horn antenna Patent
[NASA-CASE-XNP-01057] c 07 N71-15907

Means for controlling rupture of shock tube diaphragms Patent
[NASA-CASE-XAC-00731] c 11 N71-15960

Insertion loss measuring apparatus having transformer means connected across a pair of bolometers Patent
[NASA-CASE-XNP-01193] c 10 N71-16057

Polarimeter for transient measurement Patent
[NASA-CASE-XNP-08883] c 23 N71-16101

Flexible composite membrane Patent
[NASA-CASE-XNP-08837] c 18 N71-16210

Mount for thermal control system Patent
[NASA-CASE-NPO-10138] c 33 N71-16357

Optical characteristics measuring apparatus Patent
[NASA-CASE-XNP-08840] c 23 N71-16365

Parallel plate viscometer Patent
[NASA-CASE-XNP-09462] c 14 N71-17584

Means and method of measuring viscoelastic strain Patent
[NASA-CASE-XNP-01153] c 32 N71-17645

Interferometer direction sensor Patent
[NASA-CASE-NPO-10320] c 14 N71-17655

Interferometer servo system Patent
[NASA-CASE-NPO-10300] c 14 N71-17662

Electrical spot terminal assembly Patent
[NASA-CASE-NPO-10034] c 15 N71-17685

Sealed separable connection Patent
[NASA-CASE-NPO-10064] c 15 N71-17693

Incremental motion drive system Patent
[NASA-CASE-XNP-08897] c 15 N71-17694

Microbalance including crystal oscillators for measuring contaminates in a gas system Patent
[NASA-CASE-NPO-10144] c 14 N71-17701

Apparatus and method for protecting a photographic device Patent
[NASA-CASE-NPO-10174] c 14 N71-18465

Ranging system Patent
[NASA-CASE-NPO-10066] c 09 N71-18598

High impact pressure regulator Patent
[NASA-CASE-NPO-10175] c 14 N71-18625

Magnetic core current steering commutator Patent
[NASA-CASE-NPO-10201] c 08 N71-18694

Method of using photovoltaic cell using poly-N-vinylcarbazole complex Patent
[NASA-CASE-NPO-10373] c 03 N71-18698

A dc-coupled noninverting one-shot Patent
[NASA-CASE-XNP-09450] c 10 N71-18723

Automatic fault correction system for parallel signal channels Patent
[NASA-CASE-XNP-03263] c 09 N71-18843

Data compression processor Patent
[NASA-CASE-NPO-10068] c 08 N71-19288

Tape guidance system and apparatus for the provision thereof Patent
[NASA-CASE-XNP-09453] c 08 N71-19420

High voltage transistor circuit Patent
[NASA-CASE-XNP-06937] c 09 N71-19516

Solar cell matrix Patent
[NASA-CASE-NPO-10821] c 03 N71-19545

Electrical switching device Patent
[NASA-CASE-NPO-10037] c 09 N71-19610

Drift compensation circuit for analog to digital converter Patent
[NASA-CASE-XNP-04780] c 08 N71-19687

Roll-up solar array Patent
[NASA-CASE-NPO-10188] c 03 N71-20273

Method and device for determining battery state of charge Patent
[NASA-CASE-NPO-10194] c 03 N71-20407

Soil particles separator, collector and viewer Patent
[NASA-CASE-XNP-09770] c 15 N71-20440

Transmission line thermal short Patent
[NASA-CASE-XNP-09775] c 09 N71-20445

Synchronous servo loop control system Patent
[NASA-CASE-XNP-03744] c 10 N71-20448

Processing for producing a sterilized instrument Patent
[NASA-CASE-XNP-09763] c 14 N71-20461

Signal-to-noise ratio estimating by taking ratio of mean and standard deviation of integrated signal samples Patent
[NASA-CASE-XNP-05254] c 07 N71-20791

Elimination of frequency shift in a multiplex communication system Patent
[NASA-CASE-XNP-01306] c 07 N71-20814

High power-high voltage waterload Patent
[NASA-CASE-XNP-05381] c 09 N71-20842

Coaxial cable connector Patent
[NASA-CASE-XNP-04732] c 09 N71-20851

Soldering with solder flux which leaves corrosion resistant coating Patent
[NASA-CASE-XNP-03459] c 15 N71-21078

Miniature stress transducer Patent
[NASA-CASE-XNP-02983] c 14 N71-21091

Holder for crystal resonators Patent
[NASA-CASE-XNP-03637] c 15 N71-21311
Correlation function apparatus Patent
[NASA-CASE-XNP-00746] c 07 N71-21476
Split nut separation system Patent
[NASA-CASE-XNP-06914] c 15 N71-21489
Light position locating system Patent
[NASA-CASE-XNP-01059] c 23 N71-21821
Electron bombardment ion engine Patent
[NASA-CASE-XNP-04124] c 28 N71-21822
Data compressor Patent
[NASA-CASE-XNP-04067] c 08 N71-22707
Error correcting method and apparatus Patent
[NASA-CASE-XNP-02748] c 08 N71-22749
Counter and shift register Patent
[NASA-CASE-XNP-01753] c 08 N71-22897
Friction measuring apparatus Patent
[NASA-CASE-XNP-08680] c 14 N71-22995
Hybrid lubrication system and bearing Patent
[NASA-CASE-XNP-01641] c 15 N71-22997
Filler valve Patent
[NASA-CASE-XNP-01747] c 15 N71-23024
Refrigeration apparatus Patent
[NASA-CASE-XNP-08877] c 15 N71-23025
Reduced bandwidth video communication system utilizing sampling techniques Patent
[NASA-CASE-XNP-02791] c 07 N71-23026
Model launcher for wind tunnels Patent
[NASA-CASE-XNP-03578] c 11 N71-23030
Drive circuit utilizing two cores Patent
[NASA-CASE-XNP-01318] c 10 N71-23033
Solar vane actuator Patent
[NASA-CASE-XNP-05535] c 14 N71-23040
Time of flight mass spectrometer with feedback means from the detector to the low source and a specific counter Patent
[NASA-CASE-XNP-01056] c 14 N71-23041
Connector internal force gauge Patent
[NASA-CASE-XNP-03918] c 14 N71-23087
Circulator having quarter wavelength resonant post and parametric amplifier circuits utilizing the same Patent
[NASA-CASE-XNP-02140] c 09 N71-23097
Method of resolving clock synchronization error and means therefor Patent
[NASA-CASE-XNP-08875] c 10 N71-23099
Impact testing machine Patent
[NASA-CASE-XNP-04817] c 14 N71-23225
Zeta potential flowmeter Patent
[NASA-CASE-XNP-06509] c 14 N71-23226
Comparator for the comparison of two binary numbers Patent
[NASA-CASE-XNP-04819] c 08 N71-23295
Decontamination of petroleum products Patent
[NASA-CASE-XNP-03835] c 06 N71-23499
Dicyanoacetylene polymers Patent
[NASA-CASE-XNP-03250] c 06 N71-23500
Indexing microwave switch Patent
[NASA-CASE-XNP-06507] c 09 N71-23548
Millimeter wave radiometer for radio astronomy Patent
[NASA-CASE-XNP-09832] c 30 N71-23723
Radiant energy intensity measurement system Patent
[NASA-CASE-XNP-06510] c 14 N71-23797
High speed phase detector Patent
[NASA-CASE-XNP-01306-2] c 09 N71-24596
Apparatus for testing polymeric materials Patent
[NASA-CASE-XNP-09699] c 06 N71-24607
Digital synchronizer Patent
[NASA-CASE-NPO-10851] c 07 N71-24613
Signal processing apparatus for multiplex transmission Patent
[NASA-CASE-NPO-10388] c 07 N71-24622
Self-testing and repairing computer Patent
[NASA-CASE-NPO-10567] c 08 N71-24633
Serial digital decoder Patent
[NASA-CASE-NPO-10150] c 08 N71-24650
Detenting servomotor Patent
[NASA-CASE-XNP-06936] c 15 N71-24695
Reversible motion drive system Patent
[NASA-CASE-NPO-10173] c 15 N71-24696
Decoder system Patent
[NASA-CASE-NPO-10118] c 07 N71-24741
Television signal processing system Patent
[NASA-CASE-NPO-10140] c 07 N71-24742
Switching circuit Patent
[NASA-CASE-XNP-06505] c 10 N71-24799
Magnetic power switch Patent
[NASA-CASE-NPO-10242] c 09 N71-24803
Remodulator filter Patent
[NASA-CASE-NPO-10198] c 09 N71-24806
Broadband microwave waveguide window Patent
[NASA-CASE-XNP-08880] c 09 N71-24808
Cavity radiometer Patent
[NASA-CASE-XNP-08961] c 14 N71-24809
High-gain, broadband traveling wave maser Patent
[NASA-CASE-NPO-10548] c 16 N71-24831

Fluid containers and reseatable septum therefor Patent
[NASA-CASE-NPO-10123] c 15 N71-24835
Temperature telemetric transmitter Patent
[NASA-CASE-NPO-10649] c 07 N71-24840
Tuning arrangement for an electron discharge device or the like Patent
[NASA-CASE-XNP-09771] c 09 N71-24841
Noise limiter Patent
[NASA-CASE-NPO-10169] c 10 N71-24844
Noninterruptable digital counting system Patent
[NASA-CASE-XNP-09759] c 08 N71-24891
Drive circuit for minimizing power consumption in inductive load Patent
[NASA-CASE-NPO-10716] c 09 N71-24892
Space simulator Patent
[NASA-CASE-NPO-10141] c 11 N71-24964
Process for reducing secondary electron emission Patent
[NASA-CASE-XNP-09469] c 24 N71-25555
Minimal logic block encoder Patent
[NASA-CASE-NPO-10595] c 10 N71-25917
Novel polycarboxylic prepolymeric materials and polymers thereof Patent
[NASA-CASE-NPO-10596] c 06 N71-25929
Current steering switch Patent
[NASA-CASE-XNP-08567] c 09 N71-26000
Dual polarity full wave dc motor drive Patent
[NASA-CASE-XNP-07477] c 09 N71-26092
High impact antenna Patent
[NASA-CASE-NPO-10231] c 07 N71-26101
Video communication system and apparatus Patent
[NASA-CASE-XNP-06611] c 07 N71-26102
Parallel generation of the check bits of a PN sequence Patent
[NASA-CASE-XNP-04623] c 10 N71-26103
Phase multiplying electronic scanning system Patent
[NASA-CASE-NPO-10302] c 10 N71-26142
Electron beam tube containing a multiple cathode array employing indexing means for cathode substitution Patent
[NASA-CASE-NPO-10625] c 09 N71-26182
Fluid phase analyzer Patent
[NASA-CASE-NPO-10691] c 14 N71-26199
Variable frequency nuclear magnetic resonance spectrometer Patent
[NASA-CASE-XNP-09830] c 14 N71-26266
Time synchronization system utilizing moon reflected coded signals Patent
[NASA-CASE-NPO-10143] c 10 N71-26326
Broadband stable power multiplier Patent
[NASA-CASE-XNP-10854] c 10 N71-26331
Cascaded complementary pair broadband transistor amplifiers Patent
[NASA-CASE-NPO-10003] c 10 N71-26415
Digital memory in which the driving of each word location is controlled by a switch core Patent
[NASA-CASE-XNP-01466] c 10 N71-26434
Conically shaped cavity radiometer with a dual purpose cone winding Patent
[NASA-CASE-XNP-09701] c 14 N71-26475
Analog signal integration and reconstruction system Patent
[NASA-CASE-NPO-10344] c 10 N71-26544
Rapid sync acquisition system Patent
[NASA-CASE-NPO-10214] c 10 N71-26577
Cryogenic cooling system Patent
[NASA-CASE-NPO-10467] c 23 N71-26654
Vacuum evaporator with electromagnetic ion steering Patent
[NASA-CASE-NPO-10331] c 09 N71-26701
Automated fluid chemical analyzer Patent
[NASA-CASE-XNP-09451] c 06 N71-26754
Material handling device Patent
[NASA-CASE-XNP-09770-3] c 11 N71-27036
Pressure seal Patent
[NASA-CASE-NPO-10796] c 15 N71-27068
Multiducted electromagnetic pump Patent
[NASA-CASE-NPO-10755] c 15 N71-27084
Peak acceleration limiter for vibrational tester Patent
[NASA-CASE-NPO-10556] c 14 N71-27185
Thin film capacitive bolometer and temperature sensor Patent
[NASA-CASE-NPO-10607] c 09 N71-27232
Black body cavity radiometer Patent
[NASA-CASE-NPO-10810] c 14 N71-27323
Video signal enhancement system with dynamic range compression and modulation index expansion Patent
[NASA-CASE-NPO-10343] c 07 N71-27341
Force-balanced, throttle valve Patent
[NASA-CASE-NPO-10808] c 15 N71-27432
Cavity emitter for thermionic converter Patent
[NASA-CASE-NPO-10412] c 09 N71-28421
Frictionless universal joint Patent
[NASA-CASE-NPO-10646] c 15 N71-28467

Epoxy-aziridine polymer product Patent
[NASA-CASE-NPO-10701] c 06 N71-28620
Fluid impervious barrier including liquid metal alloy and method of making same Patent
[NASA-CASE-XNP-08881] c 17 N71-28747
Wind tunnel microphone structure Patent
[NASA-CASE-XNP-00250] c 11 N71-28779
Trialkyl-dihalotantalum and niobium compounds Patent
[NASA-CASE-XNP-04023] c 06 N71-28808
Digital memory sense amplifying means Patent
[NASA-CASE-XNP-01012] c 08 N71-28925
Digital filter for reducing sampling jitter in digital control systems Patent
[NASA-CASE-NPO-11088] c 08 N71-29034
Method and apparatus for aligning a laser beam projector Patent
[NASA-CASE-NPO-11087] c 23 N71-29125
Rotable accurate reflector system for telscopes Patent
[NASA-CASE-NPO-10468] c 23 N71-33229
Encoder/decoder system for a rapidly synchronizable binary code Patent
[NASA-CASE-NPO-10342] c 10 N71-33407
High power microwave power divider Patent
[NASA-CASE-NPO-11031] c 07 N71-33606
A dc servosystem including an ac motor Patent
[NASA-CASE-NPO-10700] c 07 N71-33613
Solar cell matrix
[NASA-CASE-NPO-11190] c 03 N71-34044
Manually actuated heat pump
[NASA-CASE-NPO-10677] c 05 N72-11084
Virtual wall slot circularly polarized planar array antenna
[NASA-CASE-NPO-10301] c 07 N72-11148
System for controlling the operation of a variable signal device
[NASA-CASE-NPO-11064] - c 07 N72-11150
Method and apparatus for data compression by a decreasing slope threshold test
[NASA-CASE-NPO-10769] c 08 N72-11171
Apparatus for remote measurement of displacement of marks on a specimen undergoing a tensile test
[NASA-CASE-NPO-10778] c 14 N72-11364
Vibration isolation system using compression springs
[NASA-CASE-NPO-11012] c 15 N72-11391
Feed system for an ion thruster
[NASA-CASE-NPO-10737] c 28 N72-11709
Thermostatic actuator
[NASA-CASE-NPO-10637] c 15 N72-12409
High voltage transistor amplifier with constant current load
[NASA-CASE-NPO-11023] c 09 N72-17155
Reference voltage switching unit
[NASA-CASE-NPO-11253] c 09 N72-17157
Valving device for automatic refilling in cryogenic liquid systems
[NASA-CASE-NPO-11177] c 15 N72-17453
Expansible support means
[NASA-CASE-NPO-11059] c 15 N72-17454
Breakaway connector
[NASA-CASE-NPO-11140] c 15 N72-17455
Modular encoder
[NASA-CASE-NPO-10629] c 08 N72-18184
Transition tracking bit synchronization system
[NASA-CASE-NPO-10844] c 07 N72-20140
Data compression system
[NASA-CASE-NPO-11243] c 07 N72-20154
Digital quasi-exponential function generator
[NASA-CASE-NPO-11130] c 08 N72-20176
Method and apparatus for high resolution spectral analysis
[NASA-CASE-NPO-10748] c 08 N72-20177
Flow rate switch
[NASA-CASE-NPO-10722] c 09 N72-20199
Electrical connector
[NASA-CASE-NPO-10694] c 09 N72-20200
Wide band doubler and sine wave quadrature generator
[NASA-CASE-NPO-11133] c 10 N72-20223
Signal phase estimator
[NASA-CASE-NPO-11203] c 10 N72-20224
Optimal control system for an electric motor driven vehicle
[NASA-CASE-NPO-11210] c 11 N72-20244
Impact energy absorbing system utilizing fracturable material
[NASA-CASE-NPO-10671] c 15 N72-20443
Torsional disconnect unit
[NASA-CASE-NPO-10704] c 15 N72-20445
Solid propellant rocket motor
[NASA-CASE-XNP-03282] c 28 N72-20758
Shell side liquid metal boiler
[NASA-CASE-NPO-10831] c 33 N72-20915
Method and apparatus for mapping planets
[NASA-CASE-NPO-11001] c 07 N72-21118

Current steering commutator
[NASA-CASE-NPO-10743] c 08 N72-21199
Automated equipotential plotter
[NASA-CASE-NPO-11134] c 09 N72-21246
Pressure transducer
[NASA-CASE-NPO-10832] c 14 N72-21405
Positioning mechanism
[NASA-CASE-NPO-10679] c 15 N72-21462
Solid state matrices
[NASA-CASE-NPO-10591] c 03 N72-22041
Solar cell panels with light transmitting plate
[NASA-CASE-NPO-10747] c 03 N72-22042
Data multiplexer using tree switching configuration
[NASA-CASE-NPO-11333] c 08 N72-22162
System for quantizing graphic displays
[NASA-CASE-NPO-10745] c 08 N72-22164
Digital function generator
[NASA-CASE-NPO-11104] c 08 N72-22165
Analog-to-digital converter analyzing system
[NASA-CASE-NPO-10560] c 08 N72-22166
Feedback shift register with states decomposed into cycles of equal length
[NASA-CASE-NPO-11082] c 08 N72-22167
Self-obturating, gas operated launcher
[NASA-CASE-NPO-11013] c 11 N72-22247
Optical binocular scanning apparatus
[NASA-CASE-NPO-11002] c 14 N72-22441
Ionene membrane separator
[NASA-CASE-NPO-11091] c 18 N72-22567
Deployable solar cell array
[NASA-CASE-NPO-10883] c 31 N72-22874
Thermal to electrical power conversion system with solid-state switches with Seebeck effect compensation
[NASA-CASE-NPO-11388] c 03 N72-23048
Optical frequency waveguide and transmission system
[NASA-CASE-HQN-10541-3] c 23 N72-23695
Bipropellant injector
[NASA-CASE-XNP-09461] c 28 N72-23809
Solid propellant rocket motor nozzle
[NASA-CASE-NPO-11458] c 28 N72-23810
Analysis of hydrogen-deuterium mixtures
[NASA-CASE-NPO-11322] c 06 N72-25146
Flexible computer accessed telemetry
[NASA-CASE-NPO-11358] c 07 N72-25172
Multi-purpose antenna employing dish reflector with plural coaxial horn feeds
[NASA-CASE-NPO-11264] c 07 N72-25174
Communications link for computers
[NASA-CASE-NPO-11161] c 08 N72-25207
Method and apparatus for frequency-division multiplex communications by digital phase shift of carrier
[NASA-CASE-NPO-11338] c 08 N72-25208
Binary coded sequential acquisition ranging system
[NASA-CASE-NPO-11194] c 08 N72-25209
MOD 2 sequential function generator for multibit binary sequence
[NASA-CASE-NPO-10636] c 08 N72-25210
Digital video display system using cathode ray tube
[NASA-CASE-NPO-11342] c 09 N72-25248
Inverter oscillator with voltage feedback
[NASA-CASE-NPO-10760] c 09 N72-25254
Thermal motor
[NASA-CASE-NPO-11283] c 09 N72-25260
Two phase flow system with discrete impinging two-phase jets
[NASA-CASE-NPO-11556] c 12 N72-25292
Atmospheric sampling devices
[NASA-CASE-NPO-11373] c 13 N72-25323
Light sensor
[NASA-CASE-NPO-11311] c 14 N72-25414
Quick disconnect coupling
[NASA-CASE-NPO-11202] c 15 N72-25450
Coaxial injector for reaction motors
[NASA-CASE-NPO-11095] c 15 N72-25455
Ball screw linear actuator
[NASA-CASE-NPO-11222] c 15 N72-25456
Helium refrigerator and method for decontaminating the refrigerator
[NASA-CASE-NPO-10634] c 23 N72-25619
Uninsulated in-core thermionic diode
[NASA-CASE-NPO-10542] c 09 N72-27228
Audio frequency marker system
[NASA-CASE-NPO-11147] c 14 N72-27408
Light direction sensor
[NASA-CASE-NPO-11201] c 14 N72-27409
Adjustable support
[NASA-CASE-NPO-10721] c 15 N72-27484
Method for controlling vapor content of a gas
[NASA-CASE-NPO-10633] c 03 N72-28025
Maser for frequencies in the 7-20 GHz range
[NASA-CASE-NPO-11437] c 16 N72-28521
Thin film temperature sensor and method of making same
[NASA-CASE-NPO-11775] c 26 N72-28761
Circularly polarized antenna
[NASA-CASE-ERC-10214] c 09 N72-31235
Singly-curved reflector for use in high-gain antennas
[NASA-CASE-NPO-11361] c 07 N72-32169
Digital slope threshold data compressor
[NASA-CASE-NPO-11630] c 08 N72-33172
Continuously variable voltage controlled phase shifter
[NASA-CASE-NPO-11129] c 09 N72-33204
Pseudonoise sequence generators with three tap linear feedback shift registers
[NASA-CASE-NPO-11406] c 08 N73-12175
Versatile arithmetic unit for high speed sequential decoder
[NASA-CASE-NPO-11371] c 08 N73-12177
Dual frequency microwave reflex feed
[NASA-CASE-NPO-13091-1] c 09 N73-12214
Audio system with means for reducing noise effects
[NASA-CASE-NPO-11631] c 10 N73-12244
Interferometer-polarimeter
[NASA-CASE-NPO-11239] c 14 N73-12446
Irradiance measuring device
[NASA-CASE-NPO-11493] c 14 N73-12447
Program for computer aided reliability estimation
[NASA-CASE-NPO-13086-1] c 15 N73-12495
Apparatus for deriving synchronizing pulses from pulses in a single channel PCM communications system
[NASA-CASE-NPO-11302-1] c 07 N73-13149
Rotary vane attenuator wherin rotor has orthogonally disposed resistive and dielectric cards
[NASA-CASE-NPO-11418-1] c 14 N73-13420
Gas flow control device
[NASA-CASE-NPO-11479] c 15 N73-13462
Electrolytic gas operated actuator
[NASA-CASE-NPO-11369] c 15 N73-13467
Dual purpose momentum wheels for spacecraft with magnetic recording
[NASA-CASE-NPO-11481] c 21 N73-13644
Multiple reflection conical microwave antenna
[NASA-CASE-NPO-11661] c 07 N73-14130
Cyclically operable optical shutter
[NASA-CASE-NPO-10758] c 14 N73-14427
Heat detection and compositions and devices therefor
[NASA-CASE-NPO-10764-1] c 14 N73-14428
Parallel-plate viscometer with double diaphragm suspension
[NASA-CASE-NPO-11387] c 14 N73-14429
Rotary actuator
[NASA-CASE-NPO-10680] c 31 N73-14855
Magnetically actuated tuning method for Gunn oscillators
[NASA-CASE-NPO-12106] c 09 N73-15235
Multichannel telemetry system
[NASA-CASE-NPO-11572] c 07 N73-16121
Data-aided carrier tracking loops
[NASA-CASE-NPO-11282] c 10 N73-16205
Stacked solar cell arrays
[NASA-CASE-NPO-11771] c 03 N73-20040
A m-ary linear feedback shift register with binary logic
[NASA-CASE-NPO-11868] c 10 N73-20254
Apparatus for recovering matter adhered to a host surface
[NASA-CASE-NPO-11213] c 15 N73-20514
Scan converting video tape recorder
[NASA-CASE-NPO-10166-1] c 07 N73-22076
Collapsible structure for an antenna reflector
[NASA-CASE-NPO-11751] c 07 N73-24176
Pump for delivering heated fluids
[NASA-CASE-NPO-11417] c 15 N73-24513
Ion thruster with a combination keeper electrode and electron baffle
[NASA-CASE-NPO-11880] c 28 N73-24783
Solid propellant rocket motor
[NASA-CASE-NPO-11559] c 28 N73-24784
Code regenerative clean-up loop transponder for a mu-type ranging system
[NASA-CASE-NPO-11707] c 07 N73-25161
Numerical computer peripheral interactive device with manual controls
[NASA-CASE-NPO-11497] c 08 N73-25206
Radiant source tracker independent of nonconstant irradiance
[NASA-CASE-NPO-11686] c 14 N73-25462
Two carrier communication system with single transmitter
[NASA-CASE-NPO-11548] c 07 N73-26118
High pulse rate high resolution optical radar system
[NASA-CASE-NPO-11426] c 07 N73-26119
Counting digital filters
[NASA-CASE-NPO-11821-1] c 08 N73-26175
Automated attendance accounting system
[NASA-CASE-NPO-11456] c 08 N73-26176
Low phase noise digital frequency divider
[NASA-CASE-NPO-11569] c 10 N73-26229
Vehicle for use in planetary exploration
[NASA-CASE-NPO-11366] c 11 N73-26238
Temperature control system with a pulse width modulated bridge
[NASA-CASE-NPO-11304] c 14 N73-26430
Disconnect unit
[NASA-CASE-NPO-11330] c 33 N73-26958
Filter for third order phase locked loops
[NASA-CASE-NPO-11941-1] c 10 N73-27171
Receiver with an improved phase lock loop in a multichannel telemetry system with suppressed carrier
[NASA-CASE-NPO-11593-1] c 07 N73-28012
Analog-to-digital converter
[NASA-CASE-XNP-00477] c 08 N73-28045
Pseudonoise (PN) synchronization of data system with derivation of clock frequency from received signal for clocking receiver PN generator
[NASA-CASE-XNP-03623] c 09 N73-28084
Apparatus and method for measuring the Seebeck coefficient and resistivity of materials
[NASA-CASE-NPO-11749] c 14 N73-28486
Dual purpose optical instrument capable of simultaneously acting as spectrometer and diffractometer
[NASA-CASE-XNP-05231] c 14 N73-28491
Continuous magnetic flux pump
[NASA-CASE-XNP-01187] c 15 N73-28516
Preparation of alkali metal dispersions
[NASA-CASE-XNP-08876] c 17 N73-28573
Superconductive magnetic-field-trapping device
[NASA-CASE-XNP-01185] c 26 N73-28710
Automatic carrier acquisition system
[NASA-CASE-NPO-11628-1] c 07 N73-30113
Ferrofluidic solenoid
[NASA-CASE-NPO-11738-1] c 09 N73-30185
Silent emergency alarm system for schools and the like
[NASA-CASE-NPO-11307-1] c 10 N73-30205
RF-source resistance meters
[NASA-CASE-NPO-11291-1] c 14 N73-30388
Event sequence detector
[NASA-CASE-NPO-11703-1] c 10 N73-32144
Soil penetrometer
[NASA-CASE-XNP-05530] c 14 N73-32321
Quadrupole mass filter with means to generate a noise spectrum exclusive of the resonant frequency of the desired ions to deflect stable ions
[NASA-CASE-XNP-04231] c 14 N73-32325
Magnetic-flux pump
[NASA-CASE-XNP-01188] c 15 N73-32361
Burrowing apparatus
[NASA-CASE-XNP-07169] c 15 N73-32362
Electrostatically controlled heat shutter
[NASA-CASE-NPO-11942-1] c 33 N73-32818
Method and apparatus for a single channel digital communications system
[NASA-CASE-NPO-11302-2] c 32 N74-10132
Controlled oscillator system with a time dependent output frequency
[NASA-CASE-NPO-11962-1] c 33 N74-10194
Low loss dichroic plate
[NASA-CASE-NPO-13171-1] c 32 N74-11000
Image data rate converter having a drum with a fixed head and a rotatable head
[NASA-CASE-NPO-11659-1] c 35 N74-11283
Monitoring atmospheric pollutants with a heterodyne radiometer transmitter-receiver
[NASA-CASE-NPO-11919-1] c 35 N74-11284
Digital second-order phase-locked loop
[NASA-CASE-NPO-11905-1] c 33 N74-12887
Automatic vehicle location system
[NASA-CASE-NPO-11850-1] c 32 N74-12912
Thermomagnetic recording and magneto-optic playback system having constant intensity laser beam control
[NASA-CASE-NPO-11317-2] c 36 N74-13205
Use of thin film light detector
[NASA-CASE-NPO-11432-2] c 35 N74-15090
Temperature compensated digital inertial sensor
[NASA-CASE-NPO-13044-1] c 35 N74-15094
Compact hydrogenator
[NASA-CASE-NPO-11682-1] c 35 N74-15127
Short range laser obstacle detector
[NASA-CASE-NPO-11856-1] c 36 N74-15145
System for stabilizing cable phase delay utilizing a coaxial cable under pressure
[NASA-CASE-NPO-13138-1] c 33 N74-17927
Storage battery comprising negative plates of a wedge shaped configuration
[NASA-CASE-NPO-11806-1] c 44 N74-19693
Gated compressor, distortionless signal limiter
[NASA-CASE-NPO-11820-1] c 32 N74-19788
Apparatus for scanning the surface of a cylindrical body
[NASA-CASE-NPO-11861-1] c 36 N74-20009
Decision feedback loop for tracking a polyphase modulated carrier
[NASA-CASE-NPO-13103-1] c 32 N74-20811
Optically actuated two position mechanical mover
[NASA-CASE-NPO-13105-1] c 37 N74-21060
Thin film gauge
[NASA-CASE-NPO-10617-1] c 35 N74-22095

High isolation RF signal selection switches
[NASA-CASE-NPO-13081-1] c 33 N74-22814
Single reflector interference spectrometer and drive system therefor
[NASA-CASE-NPO-11932-1] c 35 N74-23040
Scanning nozzle plating system
[NASA-CASE-NPO-11758-1] c 31 N74-23065
Rock sampling
[NASA-CASE-XNP-10007-1] c 46 N74-23068
Rock sampling
[NASA-CASE-XNP-09755] c 46 N74-23069
Miniature multichannel biotelemeter system
[NASA-CASE-NPO-13065-1] c 52 N74-26625
Dispensing targets for ion beam particle generators
[NASA-CASE-NPO-13112-1] c 73 N74-26767
Optically detonated explosive device
[NASA-CASE-NPO-11743-1] c 28 N74-27425
Coherent receiver employing nonlinear coherence detection for carrier tracking
[NASA-CASE-NPO-11921-1] c 32 N74-30523
Digital servo control of random sound test excitation
[NASA-CASE-NPO-11623-1] c 71 N74-31148
Apparatus for forming drive belts
[NASA-CASE-NPO-13205-1] c 31 N74-32917
Tool for use in lifting pin supported objects
[NASA-CASE-NPO-13157-1] c 37 N74-32918
Preparing oxidizer coated metal fuel particles
[NASA-CASE-NPO-11975-1] c 28 N74-33209
Geneva mechanism
[NASA-CASE-NPO-13281-1] c 37 N75-13266
Method of producing a storage bulb for an atomic hydrogen maser
[NASA-CASE-NPO-13050-1] c 36 N75-15029
Combined pressure regulator and shutoff valve
[NASA-CASE-NPO-13201-1] c 37 N75-15050
Simultaneous acquisition of tracking data from two stations
[NASA-CASE-NPO-13292-1] c 32 N75-15854
Shock absorbing mount for electrical components
[NASA-CASE-NPO-13253-1] c 37 N75-18573
System for generating timing and control signals
[NASA-CASE-NPO-13125-1] c 33 N75-19519
Motor run-up system
[NASA-CASE-NPO-13374-1] c 33 N75-19524
Deep trap, laser activated image converting system
[NASA-CASE-NPO-13131-1] c 36 N75-19652
Multitarget sequential sputtering apparatus
[NASA-CASE-NPO-13345-1] c 37 N75-19684
Wide angle sun sensor
[NASA-CASE-NPO-13327-1] c 35 N75-23910
Material suspension within an acoustically excited resonant chamber
[NASA-CASE-NPO-13263-1] c 12 N75-24774
Heat operated cryogenic electrical generator
[NASA-CASE-NPO-13303-1] c 20 N75-24837
System for interference signal nulling by polarization adjustment
[NASA-CASE-NPO-13140-1] c 32 N75-24982
Heat detection and compositions and devices therefor
[NASA-CASE-NPO-10764-2] c 35 N75-25122
Servo-controlled intravital microscope system
[NASA-CASE-NPO-13214-1] c 35 N75-25123
Vehicle locating system utilizing AM broadcasting station carriers
[NASA-CASE-NPO-13217-1] c 32 N75-26194
Asynchronous, multiplexing, single line transmission and recovery data system
[NASA-CASE-NPO-13321-1] c 32 N75-26195
Fluorescence detector for monitoring atmospheric pollutants
[NASA-CASE-NPO-13231-1] c 45 N75-27585
Cooperative multiaxis sensor for teleoperation of article manipulating apparatus
[NASA-CASE-NPO-13386-1] c 54 N75-27758
Heat sterilizable patient ventilator
[NASA-CASE-NPO-13313-1] c 54 N75-27761
Refrigerated coaxial coupling
[NASA-CASE-NPO-13504-1] c 33 N75-30430
Electric power generation system directory from laser power
[NASA-CASE-NPO-13308-1] c 36 N75-30524
Subminiature insertable force transducer
[NASA-CASE-NPO-13423-1] c 33 N75-31329
Symmetrical odd-modulus frequency divider
[NASA-CASE-NPO-13426-1] c 33 N75-31330
Stored charge transistor
[NASA-CASE-NPO-11156-2] c 33 N75-31331
Doped Josephson tunneling junction for use in a sensitive IR detector
[NASA-CASE-NPO-13348-1] c 33 N75-31332
Acoustically controlled distributed feedback laser
[NASA-CASE-NPO-13175-1] c 36 N75-31427
Inert gas metallic vapor laser
[NASA-CASE-NPO-13449-1] c 36 N75-32441
Helium refrigerator
[NASA-CASE-NPO-13435-1] c 31 N76-14284
Nonlinear nonsingular feedback shift registers
[NASA-CASE-NPO-13451-1] c 33 N76-14373
Strain gage mounting assembly
[NASA-CASE-NPO-13170-1] c 35 N76-14430
Thermostatically controlled non-tracking type solar energy concentrator
[NASA-CASE-NPO-13497-1] c 44 N76-14602
Multi-computer multiple data path hardware exchange system
[NASA-CASE-NPO-13422-1] c 60 N76-14818
Cermet composition and method of fabrication
[NASA-CASE-NPO-13120-1] c 27 N76-15311
Dichroic plate
[NASA-CASE-NPO-13506-1] c 35 N76-15435
Magnetometer using superconducting rotating body
[NASA-CASE-NPO-13388-1] c 35 N76-16390
Scan converting video tape recorder
[NASA-CASE-NPO-10166-2] c 35 N76-16391
Hydrogen rich gas generator
[NASA-CASE-NPO-13342-1] c 37 N76-16446
Automated system for identifying traces of organic chemical compounds in aqueous solutions
[NASA-CASE-NPO-13063-1] c 25 N76-18245
Analog to digital converter
[NASA-CASE-NPO-13385-1] c 33 N76-18345
Sampler of gas borne particles
[NASA-CASE-NPO-13396-1] c 35 N76-18401
Stark-effect modulation of CO2 laser with NH2D
[NASA-CASE-NPO-11945-1] c 36 N76-18427
Diffused waveguiding capillary tube with distributed feedback for a gas laser
[NASA-CASE-NPO-13544-1] c 36 N76-18428
System for minimizing internal combustion engine pollution emission
[NASA-CASE-NPO-13402-1] c 37 N76-18457
Hydrogen-bromine secondary battery
[NASA-CASE-NPO-13237-1] c 44 N76-18641
Hydrogen-rich gas generator
[NASA-CASE-NPO-13464-1] c 44 N76-18642
Zinc-halide battery with molten electrolyte
[NASA-CASE-NPO-11961-1] c 44 N76-18643
Priority interrupt system
[NASA-CASE-NPO-13067-1] c 60 N76-18800
Miniature muscle displacement transducer
[NASA-CASE-NPO-13519-1] c 33 N76-19338
Zero torque gear head wrench
[NASA-CASE-NPO-13059-1] c 37 N76-20480
Method and apparatus for measurement of trap density and energy distribution in dielectric films
[NASA-CASE-NPO-13443-1] c 76 N76-20994
Indicator providing continuous indication of the presence of a specific pollutant in air
[NASA-CASE-NPO-13474-1] c 45 N76-21742
Shared memory for a fault-tolerant computer
[NASA-CASE-NPO-13139-1] c 60 N76-21914
Wind sensor
[NASA-CASE-NPO-13462-1] c 35 N76-24524
Fiber distributed feedback laser
[NASA-CASE-NPO-13531-1] c 36 N76-24553
Method and apparatus for generating coherent radiation in the ultra-violet region and above by use of distributed feedback
[NASA-CASE-NPO-13346-1] c 36 N76-29575
Stirling cycle engine and refrigeration systems
[NASA-CASE-NPO-13613-1] c 37 N76-29590
Hydrogen rich gas generator
[NASA-CASE-NPO-13342-2] c 44 N76-29700
Solar-powered pump
[NASA-CASE-NPO-13567-1] c 44 N76-29701
Hydrogen rich gas generator
[NASA-CASE-NPO-13464-2] c 44 N76-29704
Myocardium wall thickness transducer and measuring method
[NASA-CASE-NPO-13644-1] c 52 N76-29895
Catheter tip force transducer for cardiovascular research
[NASA-CASE-NPO-13643-1] c 52 N76-29896
Real time analysis of voiced sounds
[NASA-CASE-NPO-13465-1] c 32 N76-31372
High resolution Fourier interferometer-spectrophotopolarimeter
[NASA-CASE-NPO-13604-1] c 35 N76-31490
Reflected-wave maser
[NASA-CASE-NPO-13490-1] c 36 N76-31512
Method of making hollow elastomeric bodies
[NASA-CASE-NPO-13535-1] c 37 N76-31524
Solar cell grid patterns
[NASA-CASE-NPO-13087-2] c 44 N76-31666
Furlable antenna
[NASA-CASE-NPO-13553-1] c 33 N76-32457
Annular arc accelerator shock tube
[NASA-CASE-NPO-13528-1] c 09 N77-10071
Cryostat system for temperatures on the order of 2 deg K or less
[NASA-CASE-NPO-13459-1] c 31 N77-10229
The dc-to-dc converters employing staggered-phase power switches with two-loop control
[NASA-CASE-NPO-13512-1] c 33 N77-10428
Ion and electron detector for use in an ICR spectrometer
[NASA-CASE-NPO-13479-1] c 35 N77-10492
Hydrogen-rich gas generator
[NASA-CASE-NPO-13560-1] c 44 N77-10636
Space communication system for compressed data with a concatenated Reed-Solomon-Viterbi coding channel
[NASA-CASE-NPO-13545-1] c 32 N77-12240
Computer interface system
[NASA-CASE-NPO-13428-1] c 60 N77-12721
High temperature oxidation resistant cermet compositions
[NASA-CASE-NPO-13666-1] c 27 N77-13217
Frequency discriminator and phase detector circuit
[NASA-CASE-NPO-11515-1] c 33 N77-13315
Mass spectrometer with magnetic pole pieces providing the magnetic fields for both the magnetic sector and an ion-type vacuum pump
[NASA-CASE-NPO-13663-1] c 35 N77-14406
Thermocouple installation
[NASA-CASE-NPO-13540-1] c 35 N77-14409
Method and apparatus for background signal reduction in opto-acoustic absorption measurement
[NASA-CASE-NPO-13683-1] c 35 N77-14411
Nuclear thermionic converter
[NASA-CASE-NPO-13121-1] c 73 N77-18891
Multiple rate digital command detection system with range clean-up capability
[NASA-CASE-NPO-13753-1] c 32 N77-20289
Charge storage diode modulators and demodulators
[NASA-CASE-NPO-10189-1] c 33 N77-21314
Compact, high intensity arc lamp with internal magnetic field producing means
[NASA-CASE-NPO-11510-1] c 33 N77-21315
Depressurization of arc lamps
[NASA-CASE-NPO-10790-1] c 33 N77-21316
Electromagnetic transducer recording head having a laminated core section and tapered gap
[NASA-CASE-NPO-10711-1] c 35 N77-21392
Cryogenic liquid sensor
[NASA-CASE-NPO-10619-1] c 35 N77-21393
Uniform variable light source
[NASA-CASE-NPO-11429-1] c 74 N77-21941
Arc control in compact arc lamps
[NASA-CASE-NPO-10870-1] c 33 N77-22386
Hydraulic drain means for servo-systems
[NASA-CASE-NPO-10316-1] c 37 N77-22479
Automated multi-level vehicle parking system
[NASA-CASE-NPO-13058-1] c 37 N77-22480
Sun direction detection system
[NASA-CASE-NPO-13722-1] c 74 N77-22951
Isotope separation using metallic vapor lasers
[NASA-CASE-NPO-13550-1] c 36 N77-26477
Distributed feedback acoustic surface wave oscillator
[NASA-CASE-NPO-13673-1] c 71 N77-26919
Penetrometer
[NASA-CASE-NPO-11103-1] c 35 N77-27367
Lightweight reflector assembly
[NASA-CASE-NPO-13707-1] c 74 N77-28933
Aldehyde-containing urea-absorbing polysaccharides
[NASA-CASE-NPO-13620-1] c 27 N77-30236
Phase substitution of spare converter for a failed one of parallel phase staggered converters
[NASA-CASE-NPO-13812-1] c 33 N77-30365
Oil and fat absorbing polymers
[NASA-CASE-NPO-11609-2] c 27 N77-31308
Combustion engine
[NASA-CASE-NPO-13671-1] c 37 N77-31497
Apparatus for photon excited catalysis
[NASA-CASE-NPO-13566-1] c 25 N77-32255
Charge-coupled device data processor for an airborne imaging radar system
[NASA-CASE-NPO-13587-1] c 32 N77-32342
Direct reading inductance meter
[NASA-CASE-NPO-13792-1] c 35 N77-32455
Solar photolysis of water
[NASA-CASE-NPO-13675-1] c 44 N77-32580
Low to high temperature energy conversion system
[NASA-CASE-NPO-13510-1] c 44 N77-32581
Solar energy collection system
[NASA-CASE-NPO-13810-1] c 44 N77-32582
Three-dimensional tracking solar energy concentrator and method for making same
[NASA-CASE-NPO-13736-1] c 44 N77-32583
Overload protection system for power inverter
[NASA-CASE-NPO-13872-1] c 33 N78-10377
Photoelectron spectrometer with means for stabilizing sample surface potential
[NASA-CASE-NPO-13772-1] c 35 N78-10429
Machine for use in monitoring fatigue life for a plurality of elastomeric specimens
[NASA-CASE-NPO-13731-1] c 39 N78-10493

Portable linear-focused solar thermal energy collecting system
[NASA-CASE-NPO-13734-1] c 44 N78-10554
Acoustic energy shaping
[NASA-CASE-NPO-13802-1] c 71 N78-10837
High voltage, high current Schottky barrier solar cell
[NASA-CASE-NPO-13482-1] c 44 N78-13526
Durable antistatic coating for polymethylmethacrylate
[NASA-CASE-NPO-13867-1] c 27 N78-14164
Ultra stable frequency distribution system
[NASA-CASE-NPO-13836-1] c 32 N78-15323
Selective image area control of X-ray film exposure density
[NASA-CASE-NPO-13808-1] c 35 N78-15461
Motion restraining device
[NASA-CASE-NPO-13619-1] c 37 N78-16369
Nuclear alkylated pyridine aldehyde polymers and conductive compositions thereof
[NASA-CASE-NPO-10557] c 27 N78-17214
Method of adhering bone to a rigid substrate using a graphite fiber reinforced bone cement
[NASA-CASE-NPO-13764-1] c 27 N78-17215
Purging means and method for Xenon arc lamps
[NASA-CASE-NPO-11978] c 31 N78-17238
Pressure transducer
[NASA-CASE-NPO-11150] c 35 N78-17359
Cross correlation anomaly detection system
[NASA-CASE-NPO-13283] c 38 N78-17395
Automatic visual inspection system for microelectronics
[NASA-CASE-NPO-13282] c 38 N78-17396
Low cost solar energy collection system
[NASA-CASE-NPO-13579-1] c 44 N78-17460
Differential optoacoustic absorption detector
[NASA-CASE-NPO-13759-1] c 74 N78-17867
Interferometer mirror tilt correcting system
[NASA-CASE-NPO-13687-1] c 35 N78-18391
Over-under double-pass interferometer
[NASA-CASE-NPO-13999-1] c 35 N78-18395
Independent gain and bandwidth control of a traveling wave maser
[NASA-CASE-NPO-13801-1] c 36 N78-18410
High temperature resistant cermet and ceramic compositions
[NASA-CASE-NPO-13690-1] c 27 N78-19302
Thin conformal antenna array for microwave power conversions
[NASA-CASE-NPO-13886-1] c 32 N78-24391
Multistation refrigeration system
[NASA-CASE-NPO-13839-1] c 31 N78-25256
Swept group delay measurement
[NASA-CASE-NPO-13909-1] c 33 N78-25319
Polymeric electrolytic hygrometer
[NASA-CASE-NPO-13948-1] c 35 N78-25391
Charge transfer reaction laser with preionization means
[NASA-CASE-NPO-13945-1] c 36 N78-27402
RF beam center location method and apparatus for power transmission system
[NASA-CASE-NPO-13821-1] c 44 N78-28594
Control for nuclear thermionic power source
[NASA-CASE-NPO-13114-2] c 73 N78-28913
Magneto-optic detection system with noise cancellation
[NASA-CASE-NPO-11954-1] c 35 N78-29421
Nitramine propellants
[NASA-CASE-NPO-14103-1] c 28 N78-31255
Reflex feed system for dual frequency antenna with frequency cutoff means
[NASA-CASE-NPO-14022-1] c 32 N78-31321
Solar pond
[NASA-CASE-NPO-13581-2] c 44 N78-31525
Non-tracking solar energy collector system
[NASA-CASE-NPO-13813-1] c 44 N78-31526
Coal desulfurization process
[NASA-CASE-NPO-13937-1] c 44 N78-31527
Solid propellant motor
[NASA-CASE-NPO-11458A] c 20 N78-32179
Thermoplastic rubber comprising ethylene-vinyl acetate copolymer, asphalt and fluxing oil
[NASA-CASE-NPO-08835-1] c 27 N78-33228
Hydrogen-fueled engine
[NASA-CASE-NPO-13763-1] c 44 N78-33526
Plural output optimetric sample cell and analysis system
[NASA-CASE-NPO-10233-1] c 74 N78-33913
Portable electrophoresis apparatus using minimum electrolyte
[NASA-CASE-NPO-13274-1] c 25 N79-10163
Automatic communication signal monitoring system
[NASA-CASE-NPO-13941-1] c 32 N79-10262
Surface roughness measuring system
[NASA-CASE-NPO-13862-1] c 35 N79-10391
Vehicular impact absorption system
[NASA-CASE-NPO-14014-1] c 37 N79-10420

Dual membrane hollow fiber fuel cell and method of operating same
[NASA-CASE-NPO-13732-1] c 44 N79-10513
Combuster
[NASA-CASE-NPO-13958-1] c 25 N79-11151
Surfactant-assisted liquefaction of particulate carbonaceous substances
[NASA-CASE-NPO-13904-1] c 25 N79-11152
Electroexplosive device
[NASA-CASE-NPO-13858-1] c 28 N79-11231
Space-charge-limited solid-state triode
[NASA-CASE-NPO-13064-1] c 33 N79-11314
Plasma igniter for internal combustion engine
[NASA-CASE-NPO-13828-1] c 37 N79-11405
Non-tracking solar energy collector system
[NASA-CASE-NPO-13817-1] c 44 N79-11471
Method of controlling defect orientation in silicon crystal ribbon growth
[NASA-CASE-NPO-13918-1] c 76 N79-11920
Method and apparatus for measuring minority carrier lifetimes and bulk diffusion length in P-N junction solar cells
[NASA-CASE-NPO-14100-1] c 44 N79-12541
Automated clinical system for chromosome analysis
[NASA-CASE-NPO-13913-1] c 52 N79-12694
Conical scan tracking system employing a large antenna
[NASA-CASE-NPO-14009-1] c 32 N79-13214
Stabilization of He2(a 3 Sigma u+ molecules in liquid helium by optical pumping for vacuum UV laser 6
[NASA-CASE-NPO-13993-1] c 72 N79-13826
High temperature resistant cermet and ceramic compositions
[NASA-CASE-NPO-13690-2] c 27 N79-14213
Inhibited solid propellant composition containing beryllium hydride
[NASA-CASE-NPO-10866-1] c 28 N79-14228
Digital demodulator-correlator
[NASA-CASE-NPO-13982-1] c 32 N79-14267
Azimuth correlator for real-time synthetic aperture radar image processing
[NASA-CASE-NPO-14019-1] c 32 N79-14268
Apparatus for providing a servo drive signal in a high-speed stepping interferometer
[NASA-CASE-NPO-13569-2] c 35 N79-14348
High-torque open-end wrench
[NASA-CASE-NPO-13541-1] c 37 N79-14383
Sun tracking solar energy collector
[NASA-CASE-NPO-13921-1] c 44 N79-14526
Primary reflector for solar energy collection systems
[NASA-CASE-NPO-13579-4] c 44 N79-14529
Gas diffusion liquid storage bag and method of use for storing blood
[NASA-CASE-NPO-13930-1] c 52 N79-14749
Coupling apparatus for ultrasonic medical diagnostic system
[NASA-CASE-NPO-13935-1] c 52 N79-14751
Thermomagnetic recording and magnetic-optic playback system
[NASA-CASE-NPO-10872-1] c 35 N79-16246
Manganese bismuth films with narrow transfer characteristics for Curie-point switching
[NASA-CASE-NPO-11336-1] c 76 N79-16678
Multispectral imaging and analysis system
[NASA-CASE-NPO-13691-1] c 43 N79-17288
Solar array strip and a method for forming the same
[NASA-CASE-NPO-13652-1] c 44 N79-17314
Process for purification of waste water produced by a Kraft process pulp and paper mill
[NASA-CASE-NPO-13847-2] c 85 N79-17747
Thermal energy transformer
[NASA-CASE-NPO-14058-1] c 44 N79-18443
Multibeam single frequency synthetic aperture radar processor for imaging separate range swaths
[NASA-CASE-NPO-14525-1] c 32 N79-19195
Method and turbine for extracting kinetic energy from a stream of two-phase fluid
[NASA-CASE-NPO-14130-1] c 34 N79-20335
Digital data reformatter/deserializer
[NASA-CASE-NPO-13676-1] c 60 N79-20751
Acoustic driving of rotor
[NASA-CASE-NPO-14005-1] c 71 N79-20827
System and method for obtaining wide screen Schlieren photographs
[NASA-CASE-NPO-14174-1] c 74 N79-20856
Seismic vibration source
[NASA-CASE-NPO-14112-1] c 46 N79-22679
Underwater seismic source
[NASA-CASE-NPO-14255-1] c 46 N79-23555
Resolution enhanced sound detecting apparatus
[NASA-CASE-NPO-14134-1] c 71 N79-23753
Phase conjugation method and apparatus for an active retrodirective antenna array
[NASA-CASE-NPO-13641-1] c 32 N79-24210
Module failure isolation circuit for paralleled inverters
[NASA-CASE-NPO-14000-1] c 33 N79-24254

Circuit for automatic load sharing in parallel converter modules
[NASA-CASE-NPO-14056-1] c 33 N79-24257
Bonding machine for forming a solar array strip
[NASA-CASE-NPO-13652-2] c 44 N79-24431
Primary reflector for solar energy collection systems and method of making same
[NASA-CASE-NPO-13579-3] c 44 N79-24432
Solar energy collection system
[NASA-CASE-NPO-13579-2] c 44 N79-24433
Compact artificial hand
[NASA-CASE-NPO-13906-1] c 54 N79-24652
Double-sided solar cell package
[NASA-CASE-NPO-14199-1] c 44 N79-25482
Apparatus and method of inserting a microelectrode in body tissue or the like using vibration means
[NASA-CASE-NPO-13910-1] c 52 N79-27836
Chemical vapor deposition reactor
[NASA-CASE-NPO-13650-1] c 25 N79-28253
High performance ammonium nitrate propellant
[NASA-CASE-NPO-14260-1] c 28 N79-28342
Biocontamination and particulate detection system
[NASA-CASE-NPO-13953-1] c 35 N79-28527
Multi-channel rotating optical interface for data transmission
[NASA-CASE-NPO-14066-1] c 74 N79-34011
Start up system for hydrogen generator used with an internal combustion engine
[NASA-CASE-NPO-13849-1] c 28 N80-10374
System for detecting substructure microfractures and method therefore
[NASA-CASE-NPO-14192-1] c 39 N80-10507
Borehole geological assessment
[NASA-CASE-NPO-14231-1] c 46 N80-10709
Electromagnetic power absorber
[NASA-CASE-NPO-13830-1] c 32 N80-14281
Multiple anode arc lamp system
[NASA-CASE-NPO-10857-1] c 33 N80-14330
Method for analyzing radiation sensitivity of integrated circuits
[NASA-CASE-NPO-14350-1] c 33 N80-14332
Method for forming a solar array strip
[NASA-CASE-NPO-13652-3] c 44 N80-14474
Ozonation of cooling tower waters
[NASA-CASE-NPO-14340-1] c 45 N80-14579
System for real-time crustal deformation monitoring
[NASA-CASE-NPO-14124-1] c 46 N80-14603
Dialysis system
[NASA-CASE-NPO-14101-1] c 52 N80-14687
High resolution threshold photoelectron spectroscopy by electron attachment
[NASA-CASE-NPO-14078-1] c 72 N80-14877
Strong thin membrane structure
[NASA-CASE-NPO-14021-2] c 27 N80-16163
Antenna feed system for receiving circular polarization and transmitting linear polarization
[NASA-CASE-NPO-14362-1] c 32 N80-16261
High-speed data link for moderate distances and noisy environments
[NASA-CASE-NPO-14152-1] c 32 N80-18252
Radio frequency arraying method for receivers
[NASA-CASE-NPO-14328-1] c 32 N80-18253
High power, RF coaxial switch
[NASA-CASE-NPO-14229-1] c 33 N80-18285
Microwave power transmission beam safety system
[NASA-CASE-NPO-14224-1] c 33 N80-18287
Viscosity measuring instrument
[NASA-CASE-NPO-14501-1] c 35 N80-18357
Frequency-scanning particle size spectrometer
[NASA-CASE-NPO-13606-2] c 35 N80-18364
Dielectric-loaded waveguide circulator for cryogenically cooled and cascaded maser waveguide structures
[NASA-CASE-NPO-14254-1] c 36 N80-18372
Driver for solar cell I-V characteristic plots
[NASA-CASE-NPO-14096-1] c 44 N80-18551
Method and means for helium/hydrogen ratio measurement by alpha scattering
[NASA-CASE-NPO-14079-1] c 25 N80-20334
Satellite personal communications system
[NASA-CASE-NPO-14480-1] c 32 N80-20448
Velocity servo for continuous scan Fourier interference spectrometer
[NASA-CASE-NPO-14093-1] c 35 N80-20563
Portable heatable container
[NASA-CASE-NPO-14237-1] c 44 N80-20808
Dual band combiner for horn antenna
[NASA-CASE-NPO-14519-1] c 32 N80-23524
Passive intrusion detection system
[NASA-CASE-NPO-13804-1] c 33 N80-23559
Method and apparatus for Doppler frequency modulation of radiation
[NASA-CASE-NPO-14524-1] c 32 N80-24510
Method of mitigating titanium impurities effects in p-type silicon material for solar cells
[NASA-CASE-NPO-14635-1] c 44 N80-24741

Geological assessment probe
[NASA-CASE-NPO-14558-1] c 46 N80-24906
Cooled echelle grating spectrometer
[NASA-CASE-NPO-14372-1] c 35 N80-26635
Simultaneous muscle force and displacement transducer
[NASA-CASE-NPO-14212-1] c 52 N80-27072
Miniature cyclotron resonance ion source using small permanent magnet
[NASA-CASE-NPO-14324-1] c 72 N80-27163
Silicone containing solid propellant
[NASA-CASE-NPO-14477-1] c 28 N80-28536
System for slicing silicon wafers
[NASA-CASE-NPO-14406-1] c 37 N80-29703
Induced junction solar cell and method of fabrication
[NASA-CASE-NPO-13786-1] c 44 N80-29835
Interferometric locating system
[NASA-CASE-NPO-14173-1] c 04 N80-32359
Curable liquid hydrocarbon prepolymers containing hydroxyl groups and process for producing same
[NASA-CASE-NPO-13137-1] c 27 N80-32514
Prepolymer dianhydrides
[NASA-CASE-NPO-13899-1] c 27 N80-32515
System for plotting subsoil structure and method therefor
[NASA-CASE-NPO-14191-1] c 31 N80-32584
Support assembly for cryogenically coolable low-noise choke waveguide
[NASA-CASE-NPO-14253-1] c 32 N80-32605
Stark cell optoacoustic detection of constituent gases in sample
[NASA-CASE-NPO-14143-1] c 25 N81-14015
Membrane consisting of polyquaternary amine ion exchange polymer network interpenetrating the chains of thermoplastic matrix polymer
[NASA-CASE-NPO-14001-1] c 27 N81-14076
Frequency translating phase conjugation circuit for active retrodirective antenna array
[NASA-CASE-NPO-14536-1] c 32 N81-14185
Precise RF timing signal distribution to remote stations
[NASA-CASE-NPO-14749-1] c 32 N81-14186
Base drive for paralleled inverter systems
[NASA-CASE-NPO-14163-1] c 33 N81-14220
Low cost cryostat
[NASA-CASE-NPO-14513-1] c 35 N81-14287
Power control for hot gas engines
[NASA-CASE-NPO-14220-1] c 37 N81-14318
Viscoelastic cationic polymers containing the urethane linkage
[NASA-CASE-NPO-10830-1] c 27 N81-15104
Continuous coal processing method
[NASA-CASE-NPO-13758-2] c 31 N81-15154
Speed control device for a heavy duty shaft
[NASA-CASE-NPO-14170-1] c 37 N81-15364
Redundant operation of counter modules
[NASA-CASE-NPO-14162-1] c 60 N81-15706
Insoluble polyelectrolyte and ion-exchange hollow fiber impregnated therewith
[NASA-CASE-NPO-13530-1] c 25 N81-17187
Molten salt pyrolysis of latex
[NASA-CASE-NPO-14315-1] c 27 N81-17261
Phase-angle controller for Stirling engines
[NASA-CASE-NPO-14388-1] c 37 N81-17432
Solar energy receiver for a Stirling engine
[NASA-CASE-NPO-14619-1] c 44 N81-17518
System for forming a quadrified image comprising angularly related fields of view of a three dimensional object
[NASA-CASE-NPO-14219-1] c 74 N81-17886
Double-beam optical method and apparatus for measuring thermal diffusivity and other molecular dynamic processes in utilizing the transient thermal lens effect
[NASA-CASE-NPO-14657-1] c 74 N81-17887
Interferometer
[NASA-CASE-NPO-14502-1] c 74 N81-17888
Ion-exchange hollow fibers
[NASA-CASE-NPO-13309-1] c 25 N81-19244
Elimination of current spikes in buck power converters
[NASA-CASE-NPO-14505-1] c 33 N81-19393
Copper doped polycrystalline silicon solar cell
[NASA-CASE-NPO-14670-1] c 44 N81-19558
System and method for character recognition
[NASA-CASE-NPO-11337-1] c 74 N81-19896
X-ray position detector
[NASA-CASE-NPO-12087-1] c 74 N81-19898
Controller for computer control of brushless dc motors
[NASA-CASE-NPO-13970-1] c 33 N81-20352
Multifunctional transducer
[NASA-CASE-NPO-14329-1] c 52 N81-20703
Polymeric compositions and their method of manufacture
[NASA-CASE-NPO-10424-1] c 27 N81-24258
Low current linearization of magnetic amplifier for dc transducer
[NASA-CASE-NPO-14617-1] c 33 N81-24338
Stark effect spectrophone for continuous absorption spectra monitoring
[NASA-CASE-NPO-15102-1] c 25 N81-25159
Hot gas engine with dual crankshafts
[NASA-CASE-NPO-14221-1] c 37 N81-25370
Sandblasting nozzle
[NASA-CASE-NPO-13823-1] c 37 N81-25371
Photomechanical transducer
[NASA-CASE-NPO-14363-1] c 39 N81-25400
Underground mineral extraction
[NASA-CASE-NPO-14140-1] c 43 N81-26509
CCD correlated quadruple sampling processor
[NASA-CASE-NPO-14426-1] c 33 N81-27396
Terminal guidance sensor system
[NASA-CASE-NPO-14521-1] c 37 N81-27519
Medical diagnosis system and method with multispectral imaging
[NASA-CASE-NPO-14402-1] c 52 N81-27783
High-speed multiplexing of keyboard data inputs
[NASA-CASE-NPO-14554-1] c 60 N81-27814
Coal desulfurization
[NASA-CASE-NPO-14272-1] c 25 N81-33246
Method and apparatus for producing concentric hollow spheres
[NASA-CASE-NPO-14596-1] c 31 N81-33319
Push-pull converter with energy saving circuit for protecting switching transistors from peak power stress
[NASA-CASE-NPO-14316-1] c 33 N81-33404
Optical gyroscope system
[NASA-CASE-NPO-14258-1] c 35 N81-33448
Head for high speed spinner having a vacuum chuck
[NASA-CASE-NPO-15227-1] c 37 N81-33482
Fluidized bed coal combustion reactor
[NASA-CASE-NPO-14273-1] c 25 N82-11144
Scriber for silicon wafers
[NASA-CASE-NPO-15539-1] c 37 N82-11469
Sewage sludge additive
[NASA-CASE-NPO-13877-1] c 45 N82-11634
Real-time multiple-look synthetic aperture radar processor for spacecraft applications
[NASA-CASE-NPO-14054-1] c 32 N82-12297
Microwave limb sounder
[NASA-CASE-NPO-14544-1] c 46 N82-12685
Faraday rotation measurement method and apparatus
[NASA-CASE-NPO-14839-1] c 35 N82-15381
Solar heated fluidized bed gasification system
[NASA-CASE-NPO-15071-1] c 44 N82-16475
Method for shaping and aiming narrow beams
[NASA-CASE-NPO-14632-1] c 32 N82-18443
Fiber optic transmission line stabilization apparatus and method
[NASA-CASE-NPO-15036-1] c 74 N82-19029
Suspension system for a wheel rolling on a flat track
[NASA-CASE-NPO-14395-1] c 37 N82-21587
Echo tracker/range finder for radars and sonars
[NASA-CASE-NPO-14361-1] c 32 N82-23376
Constant magnification optical tracking system
[NASA-CASE-NPO-14813-1] c 74 N82-24072
Pulse switching for high energy lasers
[NASA-CASE-NPO-14556-1] c 33 N82-24418
Hermetic seal for a shaft
[NASA-CASE-NPO-15115-1] c 37 N82-24493
Instrumentation for sensing moisture content of material using a transient thermal pulse
[NASA-CASE-NPO-15494-1] c 35 N82-25484
Automotive absorption air conditioner utilizing solar and motor waste heat
[NASA-CASE-NPO-15183-1] c 44 N82-26776
Efficiency of silicon solar cells containing chromium
[NASA-CASE-NPO-15179-1] c 44 N82-26777
Acoustic levitation methods and apparatus
[NASA-CASE-NPO-15562-1] c 71 N82-27086
Thermochemical generation of hydrogen
[NASA-CASE-NPO-15015-1] c 25 N82-28368
Method of forming frozen spheres in a force-free drop tower
[NASA-CASE-NPO-14845-1] c 27 N82-28442
High power metallic halide laser
[NASA-CASE-NPO-14782-1] c 36 N82-28616
Method of Fabricating Schottky Barrier solar cell
[NASA-CASE-NPO-13689-4] c 44 N82-28780
Coal desulfurization by aqueous chlorination
[NASA-CASE-NPO-14902-1] c 25 N82-29371
Control means for a solid state crossbar switch
[NASA-CASE-NPO-15066-1] c 33 N82-29538
Coherently pulsed laser source
[NASA-CASE-NPO-15111-1] c 36 N82-29589
Solid electrolyte cell
[NASA-CASE-NPO-15269-1] c 44 N82-29710
Electromigration process for the purification of molten silicon during crystal growth
[NASA-CASE-NPO-14831-1] c 76 N82-30105
CAT altitude avoidance system
[NASA-CASE-NPO-15351-1] c 06 N83-10040
Method and apparatus for convection control of metallic halide vapor density in a metallic halide laser
[NASA-CASE-NPO-15021-1] c 36 N83-10417
Thermal reactor
[NASA-CASE-NPO-14369-1] c 44 N83-10501
Enhancement of in vitro guayule propagation
[NASA-CASE-NPO-15213-1] c 51 N83-17045
Servomechanism for Doppler shift compensation in optical correlator for synthetic aperture radar
[NASA-CASE-NPO-14998-1] c 32 N83-18975
Synchronized voltage contrast display analysis system
[NASA-CASE-NPO-14567-1] c 33 N83-18996
Broadband optical radiation detector
[US-PATENT-4,262,198] c 74 N83-19597
Elastomer coated filler and composites thereof comprising at least 60% by weight of a hydrated filler and an elastomer containing an acid substituent
[NASA-CASE-NPO-14857-1] c 27 N83-19900
Thin wire pointing method
[NASA-CASE-NPO-15789-1] c 31 N83-19947
Clutter free synthetic aperture radar correlator
[NASA-CASE-NPO-14035-1] c 32 N83-19968
Controlled in situ etch-back
[NASA-CASE-NPO-15625-1] c 76 N83-20789
Stabilized lanthanum sulphur compounds
[NASA-CASE-NPO-16135-1] c 25 N83-24572
Mobile sampler for use in acquiring samples of terrestrial atmospheric gases
[NASA-CASE-NPO-15220-1] c 45 N83-25217
System and method for moving a probe to follow movements of tissue
[NASA-CASE-NPO-15197-1] c 52 N83-25346
Waveguide cooling system
[NASA-CASE-NPO-15401-1] c 32 N83-27085
Particle analyzing method and apparatus
[NASA-CASE-NPO-15292-1] c 35 N83-27184
Hydrodesulfurization of chlorinized coal
[NASA-CASE-NPO-15304-1] c 25 N83-31743
Method and apparatus for producing gas-filled hollow spheres
[NASA-CASE-NPO-14596-3] c 31 N83-31896
Cycling Joule Thomson refrigerator
[NASA-CASE-NPO-15251-1] c 31 N83-31897
Multibeam single frequency synthetic aperture radar processor for imaging separate range swaths
[NASA-CASE-NPO-14525-2] c 32 N83-31918
Method and device for detection of a substance
[NASA-CASE-NPO-14940-1] c 33 N83-31954
System for monitoring physical characteristics of fluids
[NASA-CASE-NPO-15400-1] c 34 N83-31993
Cloud cover sensor
[NASA-CASE-NPO-14936-1] c 47 N83-32232
Distributed multiport memory architecture
[NASA-CASE-NPO-15342-1] c 60 N83-32342
Acoustic system for material transport
[NASA-CASE-NPO-15453-1] c 71 N83-32515
System for controlled acoustic rotation of objects
[NASA-CASE-NPO-15522-1] c 71 N83-32516
Mixed polyvalent-monovalent metal coating for carbon-graphite fibers
[NASA-CASE-NPO-14987-1] c 24 N83-33950
Antenna grout replacement system
[NASA-CASE-NPO-15202-1] c 27 N83-34043
Sphere forming method and apparatus
[NASA-CASE-NPO-15070-1] c 31 N83-35176
Resonant isolator for maser amplifier
[NASA-CASE-NPO-15201-1] c 36 N83-35350
Acoustic bubble removal method
[NASA-CASE-NPO-15334-1] c 71 N83-35781
Method of increasing minority carrier lifetime in silicon web or the like
[NASA-CASE-NPO-15530-1] c 76 N83-35888
Acoustic suspension system
[NASA-CASE-NPO-15435-1] c 71 N83-36846
Optical fiber tactile sensor
[NASA-CASE-NPO-15375-1] c 74 N84-11921
Photoelectrochemical electrodes
[NASA-CASE-NPO-15458-1] c 25 N84-12262
Method and apparatus for minimizing convection during crystal growth from solution
[NASA-CASE-NPO-15811-1] c 76 N84-12968
Pressure letdown method and device for coal conversion systems
[NASA-CASE-NPO-15100-1] c 44 N84-14583
Supercritical multicomponent solvent coal extraction
[NASA-CASE-NPO-15767-1] c 23 N84-16255
Electrodes for solid state devices
[NASA-CASE-NPO-15161-1] c 33 N84-16456
Contactless pellet fabrication
[NASA-CASE-NPO-15592-1] c 71 N84-16940
Ion beam accelerator system
[NASA-CASE-NPO-15547-1] c 72 N84-16959
Apparatus and method for destructive removal of particles contained in flowing fluid
[NASA-CASE-NPO-15426-1] c 35 N84-17555

Oil shale extraction using super-critical extraction
[NASA-CASE-NPO-15656-1] c 43 N84-23012
Laser pulse detection method and apparatus
[NASA-CASE-NPO-16030-1] c 36 N84-25037
Synthetic aperture radar target simulator
[NASA-CASE-NPO-15024-1] c 32 N84-27951
Ion mass spectrometer
[NASA-CASE-NPO-15423-1] c 35 N84-28016
Shaft transducer having dc output proportional to angular velocity
[NASA-CASE-NPO-15706-1] c 35 N84-28017
Centrifugal-reciprocating compressor
[NASA-CASE-NPO-14597-2] c 37 N84-28081
Solar energy modulator
[NASA-CASE-NPO-15388-1] c 44 N84-28203
Integrating IR detector imaging systems
[NASA-CASE-NPO-15805-1] c 74 N84-28590
Glass heating panels and method for preparing the same from architectural reflective glass
[NASA-CASE-NPO-15753-1] c 27 N84-33589
Portable reflectance spectrometer
[NASA-CASE-NPO-13556-1] c 35 N84-33766
Means and method for calibrating a photon detector utilizing electron-photon coincidence
[NASA-CASE-NPO-15644-1] c 35 N84-33767
Phase sensitive guidance sensor for wire-following vehicles
[NASA-CASE-NPO-15341-1] c 35 N84-33769
System for indicating fuel-efficient aircraft altitude
[NASA-CASE-NPO-15351-2] c 06 N84-34443
Pipelined digital SAR azimuth correlator using hybrid FFT-transversal filter
[NASA-CASE-NPO-15519-1] c 32 N84-34651
Correlation spectrometer having high resolution and multiplexing capability
[NASA-CASE-NPO-15558-1] c 35 N84-34705
Saltless solar pond
[NASA-CASE-NPO-15808-1] c 44 N84-34792
Epitaxial thinning process
[NASA-CASE-NPO-15786-1] c 76 N84-35112
Process and apparatus for growing a crystal ribbon
[NASA-CASE-NPO-15629-1] c 76 N84-35113
Multicomputer communication system
[NASA-CASE-NPO-15433-1] c 32 N85-21428
Hollow cathode apparatus
[NASA-CASE-NPO-15560-1] c 33 N85-21491
Method and apparatus for self-calibration and phasing of array antenna
[NASA-CASE-NPO-15920-1] c 33 N85-21493
State-of-charge coulometer
[NASA-CASE-NPO-15759-1] c 35 N85-21596
Carbon granule probe microphone for leak detection
[NASA-CASE-NPO-16027-1] c 35 N85-21597
Portable remote laser sensor for methane leak detection
[NASA-CASE-NPO-15790-1] c 36 N85-21631
Ingot slicing machine and method
[NASA-CASE-NPO-15483-1] c 37 N85-21650
Apparatus and method to keep the walls of a free-space reactor free from deposits of solid materials
[NASA-CASE-NPO-15851-1] c 37 N85-21652
Method of measuring sea surface water temperature with a satellite including wideband passive synthetic-aperture multichannel receiver
[NASA-CASE-NPO-15651-1] c 43 N85-21723
Method and apparatus for calibrating the ionosphere and application to surveillance of geophysical events
[NASA-CASE-NPO-15430-1] c 46 N85-21846
Automatic multi-banking of memory for microprocessors
[NASA-CASE-NPO-15295-1] c 60 N85-21992
Acoustic agglomeration methods and apparatus
[NASA-CASE-NPO-15466-1] c 71 N85-22104
High temperature acoustic levitator
[NASA-CASE-NPO-16022-1] c 71 N85-22105
Focal plane array optical proximity sensor
[NASA-CASE-NPO-15155-1] c 74 N85-22139
Optical system
[NASA-CASE-NPO-15801-1] c 74 N85-23396
Corrosion resistant coating
[NASA-CASE-NPO-15928-1] c 26 N85-29005
Stabilized unsaturated polyesters
[NASA-CASE-NPO-16103-1] c 27 N85-29043
Reciprocating magnetic refrigerator employing tandem porous matrices within a reciprocating displacer
[NASA-CASE-NPO-16257-1] c 31 N85-29082
Retinally stabilized differential resolution television display
[NASA-CASE-NPO-15432-1] c 32 N85-29117
Beam forming network
[NASA-CASE-NPO-15743-1] c 32 N85-29118
Closed loop electrostatic levitation system
[NASA-CASE-NPO-15553-1] c 33 N85-29142
Maser cavity servo-tuning system
[NASA-CASE-NPO-15890-1-CU] c 33 N85-29143
Jet pump-drive system for heat removal
[NASA-CASE-NPO-16494-1-CU] c 34 N85-29182
Trace water sensor
[NASA-CASE-NPO-15722-1] c 35 N85-29212
Digital control of diode laser for atmospheric spectroscopy
[NASA-CASE-NPO-16000-1] c 36 N85-29264
Method for driving two-phase turbines with enhanced efficiency
[NASA-CASE-NPO-15037-2] c 37 N85-29282
Gravity enhanced acoustic levitation method and apparatus
[NASA-CASE-NPO-16147-1-CU] c 71 N85-29693
Optical fiber coupling method and apparatus
[NASA-CASE-NPO-15464-1] c 74 N85-29749
Method for growth of crystals by pressure reduction of supercritical or subcritical solution
[NASA-CASE-NPO-15772-1] c 76 N85-29800
Split-cross-bridge resistor for testing for proper fabrication of integrated circuits
[NASA-CASE-NPO-16021-1] c 33 N85-30187
Arrangement for damping the resonance in a laser diode
[NASA-CASE-NPO-15980-1] c 36 N85-30305
Stable density stratification solar pond
[NASA-CASE-NPO-15419-2] c 44 N85-30474
Increased voltage photovoltaic cell
[NASA-CASE-NPO-16155-1] c 44 N85-30475
Acoustic particle separation
[NASA-CASE-NPO-15559-1] c 71 N85-30765
Low defect, high purity crystalline layers grown by selective deposition
[NASA-CASE-NPO-15813-1] c 76 N85-30922
Method and apparatus for Delta Kappa synthetic aperture radar measurement of ocean current
[NASA-CASE-NPO-15704-1] c 32 N85-34327
Method and apparatus for transfer function simulator for testing complex systems
[NASA-CASE-NPO-15696-1] c 33 N85-34333
Instrumentation for sensing moisture content of material using a transient thermal pulse
[NAS 1.71:NPO-15494-2] c 35 N85-34373
Ranging system which compares an object reflected component of a light beam to a reference component of the light beam
[NASA-CASE-NPO-15865-1] c 74 N85-34629
Shuttle car loading system
[NASA-CASE-NPO-15949-1] c 85 N85-34722
Production of butanol by fermentation in the presence of cocultures of clostridium
[NASA-CASE-NPO-16203-1] c 23 N85-35227
Fluidized bed desulfurization
[NASA-CASE-NPO-15924-1] c 25 N85-35253
Memory metal actuator
[NASA-CASE-NPO-15960-1] c 37 N86-19604
Joint for deployable structures
[NASA-CASE-NPO-16038-1] c 37 N86-19605
Method and apparatus for contour mapping using synthetic aperture radar
[NASA-CASE-NPO-15939-1] c 43 N86-19711
Brushless DC motor control system responsive to control signals generated by a computer or the like
[NASA-CASE-NPO-16420-1] c 33 N86-20681
Self-locking double retention redundant full pin release
[NASA-CASE-NPO-16233-1] c 37 N86-20801
Neighborhood comparison operator
[NASA-CASE-NPO-16464-1CU] c 60 N86-24224
High dynamic global positioning system receiver
[NASA-CASE-NPO-16171-1CU] c 04 N86-27270
Protective telescoping shield for solar concentrator
[NASA-CASE-NPO-16236-1] c 44 N86-27706
Oxygen chemisorption cryogenic refrigerator
[NASA-CASE-NPO-16734-1-CU] c 31 N88-14223
Timing control system
[NASA-CASE-NPO-16882-1-CU] c 33 N88-24863
Noncontact temperature pattern measuring device
[NASA-CASE-NPO-17024-1-CU] c 35 N88-24943
Real-time optical multiple object recognition and tracking system and method
[NASA-CASE-NPO-17139-1-CU] c 74 N88-25301
Low-loss, high-isolation, fiber-optic isolator
[NASA-CASE-NPO-17207-1-CU] c 74 N88-25304
Real-time image difference detection using a polarization rotation spacial light modulator
[NASA-CASE-NPO-17144-1-CU] c 74 N88-25305
Television monitor field shifter and an opto-electronic method for obtaining a stereo image of optimal depth resolution and reduced depth distortion on a single screen
[NASA-CASE-NPO-17249-1-CU] c 32 N89-28676
Systolic VLSI array for implementing the Kalman filter algorithm
[NASA-CASE-NPO-17108-1-CU] c 33 N89-28713
Robust high-performance control for robotic manipulators
[NASA-CASE-NPO-17785-1-CU] c 37 N89-28846
Trochoidal analysis of scattered electrons in a merged electron-ion beam geometry
[NASA-CASE-NPO-16789-1-CU] c 72 N89-29169
Two stage sorption type cryogenic refrigerator including heat regeneration system
[NASA-CASE-NPO-17630-1-CU] c 31 N89-29577
Integrated circuit reliability testing
[NASA-CASE-NPO-17393-1-CU] c 33 N89-29679
Low power consumption current transducer
[NASA-CASE-NPO-16888-1-CU] c 33 N89-29681
Distributed proximity sensor system
[NASA-CASE-NPO-17275-1-CU] c 37 N89-29750
Predictive aging of polymers
[NASA-CASE-NPO-17524-1-CU] c 27 N90-10261
Acoustic controlled rotation and orientation
[NASA-CASE-NPO-16995-1-CU] c 71 N90-12289
Stripline feed for a microstrip array of patch elements with teardrop shaped probes
[NASA-CASE-NPO-17548-1-CU] c 32 N90-16104
VLSI single-chip (255,223) Reed-Solomon encoder with interleaver
[NASA-CASE-NPO-17280-1-CU] c 17 N90-21061
Atmospheric autorotating imaging device
[NASA-CASE-NPO-17390-1-CU] c 35 N90-22769
Multi-element spherical shell generation
[NASA-CASE-NPO-17203-1-CU] c 34 N90-23700
Computer access security code system
[NASA-CASE-NPO-17525-1-CU] c 60 N90-25583
Improving the geometric fidelity of imaging systems employing sensor arrays
[NASA-CASE-NPO-17970-1-CU] c 43 N90-26384
MBE growth technology for high quality strained III-V layers
[NASA-CASE-NPO-17723-1-CU] c 76 N90-26685
Multistage estimation of received carrier signal parameters under very high dynamic conditions of the receiver
[NASA-CASE-NPO-17911-1-CU] c 32 N90-27016
Method of forming three-dimensional semiconductor structures
[NASA-CASE-NPO-17835-1-CU] c 76 N90-27518
Method for providing a polarization filter for processing synthetic aperture radar image data
[NASA-CASE-NPO-17904-1-CU] c 32 N91-13594
Measurement of waves in flows across a surface
[NASA-CASE-NPO-17479-1-CU] c 34 N91-13658
Motion detection, novelty filtering, and target tracking using an interferometric technique with a GaAs phase conjugate mirror
[NASA-CASE-NPO-17784-1-CU] c 74 N91-13998
Efficient detection and signal parameter estimation with application to high dynamic GPS receiver
[NASA-CASE-NPO-17820-1-CU] c 04 N91-14321
High temperature refractory member with radiation emissive overcoat
[NASA-CASE-NPO-17122-1-CU] c 27 N91-14489
Trellis coded modulation for transmission over fading mobile satellite channel
[NASA-CASE-NPO-16904-2-CU] c 32 N91-14523
Organic cathode for a secondary battery
[NASA-CASE-NPO-17604-1-CU] c 33 N91-14536
Copper chloride cathode for a secondary battery
[NASA-CASE-NPO-17640-1-CU] c 33 N91-14538
Improved high power/high frequency inductor
[NASA-CASE-NPO-17830-1-CU] c 33 N91-14539
Millimeter-wave monolithic diode-grid frequency multiplier
[NASA-CASE-NPO-17258-1-CU] c 33 N91-14551
Apparatus and method for characterizing the transmission efficiency of a mass spectrometer
[NASA-CASE-NPO-16989-1-CU] c 35 N91-14587
Field induced gap infrared detector
[NASA-CASE-NPO-17526-1-CU] c 35 N91-14588
Multi-fingered robotic hand
[NASA-CASE-NPO-15959-2] c 37 N91-14616
Method for detecting surface motions and mapping small terrestrial or planetary surface deformations with synthetic aperture radar
[NASA-CASE-NPO-17831-1-CU] c 43 N91-14642
Distributed computing system with dual independent communications paths between computers and employing split tokens
[NASA-CASE-NPO-17185-1-CU] c 62 N91-14772
Acoustic positioning and orientation prediction
[NASA-CASE-NPO-17511-1-CU] c 71 N91-14807
Acoustic transducer apparatus with reduced thermal conduction
[NASA-CASE-NPO-17620-1-CU] c 71 N91-14808
Surface modification using low energy ground state ion beams
[NASA-CASE-NPO-17498-1-CU] c 72 N91-14813
Energy efficient continuous flow ash lockhopper
[NASA-CASE-NPO-16985-1-CU] c 31 N91-15423
Remote object configuration/orientation determination
[NASA-CASE-NPO-17436-1-CU] c 35 N91-15512

Tm,Ho:YLF laser end-pumped by a semiconductor diode laser array
[NASA-CASE-NPO-17282-1-CU] c 36 N91-15528

Ribbon growing method and apparatus
[NASA-CASE-NPO-16306-1-CU] c 76 N91-15898

Torque sensor having a spoked sensor element support structure
[NASA-CASE-NPO-17461-1-CU] c 35 N91-17350

Cladding for transverse-pumped solid-state laser
[NASA-CASE-NPO-17355-1-CU] c 36 N91-17360

Laterally stacked Schottky diodes for infrared sensor applications
[NASA-CASE-NPO-17426-1-CU] c 33 N91-21434

Method and apparatus for configuration control of redundant robots
[NASA-CASE-NPO-17801-1-CU] c 37 N91-21544

System and method for measuring ocean surface currents at locations remote from land masses using synthetic aperture radar
[NASA-CASE-NPO-17937-1-CU] c 43 N91-21621

Doppler-corrected differential detection system
[NASA-CASE-NPO-16987-1-CU] c 32 N91-25316

Phase ambiguity resolution for offset QPSK modulation systems
[NASA-CASE-NPO-17853-1-CU] c 32 N91-25318

Fluid-loop reaction system
[NASA-CASE-NPO-17204-1-CU] c 34 N91-25380

Dynamic resource allocation scheme for distributed heterogeneous computer systems
[NASA-CASE-NPO-17197-1-CU] c 62 N91-25693

High-gain AlGaAs/GaAs double heterojunction Darlington phototransistors for optical neural networks
[NASA-CASE-NPO-18101-1-CU] c 74 N91-25841

Method and apparatus for second-rank tensor generation
[NASA-CASE-NPO-17512-1-CU] c 74 N91-26918

Molecules with enhanced electronic polarizabilities based on defect-like states in conjugated polymers
[NASA-CASE-NPO-17633-1-CU] c 27 N91-27372

Flexible thermal apparatus for mounting of thermoelectric cooler
[NASA-CASE-NPO-17806-1-CU] c 31 N91-27385

Multiple symbol differential detection
[NASA-CASE-NPO-17896-1-CU] c 32 N91-27439

Metal chloride cathode for a battery
[NASA-CASE-NPO-17809-1-CU] c 33 N91-27478

Fiber optic frequency transfer link
[NASA-CASE-NPO-17703-1-CU] c 74 N91-27957

Thermal treatment of silicon integrated circuit chips to prevent and heal voids in aluminum metallization
[NASA-CASE-NPO-17678-1-CU] c 76 N91-28014

Composite flexible blanket insulation
[NASA-CASE-ARC-11907-1-NP] c 24 N91-31236

A universal computer control system for motors
[NASA-CASE-NPO-17134-1-CU] c 33 N91-31528

Asymmetric soft-error resistant memory
[NASA-CASE-NPO-17394-1-CU] c 60 N91-31810

Synchronized computational architecture for generalized bilateral control of robot arms
[NASA-CASE-NPO-17401-1-CU] c 63 N91-31885

Method and apparatus for producing microshells
[NASA-CASE-NPO-16635-1-CU] c 31 N91-32240

Highly parallel computer architecture for robotic computation
[NASA-CASE-NPO-17632-1-CU] c 60 N91-32805

Analog hardware for learning neural networks
[NASA-CASE-NPO-17664-1-CU] c 62 N91-32852

Regenerative Cu/La zeolite supported desulfurizing sorbents
[NASA-CASE-NPO-17480-1-CU] c 25 N92-10073

Composite video and graphics display for multiple camera viewing system in robotics and teleoperation
[NASA-CASE-NPO-17836-1-CU] c 32 N92-10126

Passivation of high temperature superconductors
[NASA-CASE-NPO-17949-1-CU] c 76 N92-10681

Multicomponent gas sorption Joule-Thomson refrigeration
[NASA-CASE-NPO-17569-1-CU] c 31 N92-15203

Network of dedicated processors for finding lowest-cost map path
[NASA-CASE-NPO-17716-1-CU] c 62 N92-15620

Silicon containing electroconductive polymers and structures made therefrom
[NASA-CASE-NPO-17826-1-CU] c 27 N92-16121

Method and apparatus for increasing resistance of bipolar buried layer integrated circuit devices to single-event upsets
[NASA-CASE-NPO-17573-2-CU] c 33 N92-16196

Thermal power transfer system using applied potential difference to sustain operating pressure difference
[NASA-CASE-NPO-18034-1-CU] c 44 N92-16457

All-optical photochromic spatial light modulators based on photoinduced electron transfer in rigid matrices
[NASA-CASE-NPO-17612-1-CU] c 74 N92-16808

Stereoscopic camera and viewing systems with undistorted depth presentation and reduced or eliminated erroneous acceleration and deceleration perceptions, or with perceptions produced or enhanced for special effects
[NASA-CASE-NPO-18028-1-CU] c 74 N92-16809

Fabrication of nanometer single crystal metallic CoSi2 structures on Si
[NASA-CASE-NPO-17736-2-CU] c 24 N92-18561

Device for mechanically stabilizing web ribbon buttons during growth initiation
[NASA-CASE-NPO-17074-2-CU] c 76 N92-21499

Digital carrier demodulator employing components working beyond normal limits
[NASA-CASE-NPO-17628-1-CU] c 32 N92-21712

Adjustable steam producing flexible orifice independent of fluid pressure
[NASA-CASE-NPO-17625-1-CU] c 34 N92-21724

Analog hardware for delta-backpropagation neural networks
[NASA-CASE-NPO-17564-1-CU] c 32 N92-22033

Equal path, phase shifting, sample point interferometer for monitoring the configuration of surfaces
[NASA-CASE-NPO-17913-1-CU] c 74 N92-22034

Growth of III-V films by control of MBE growth front stoichiometry
[NASA-CASE-NPO-17724-1-CU] c 76 N92-22035

Bilevel shared control for teleoperators
[NASA-CASE-NPO-17800-1-CU] c 37 N92-22036

Method for producing edge geometry superconducting tunnel junctions utilizing an NbN/MgO/NbN thin film structure
[NASA-CASE-NPO-17812-2-CU] c 76 N92-22040

Edge geometry superconducting tunnel junctions utilizing an NbN/MgO/NbN thin film structure
[NASA-CASE-NPO-17812-3-CU] c 76 N92-22041

Electrorepulsive actuator
[NASA-CASE-NPO-17684-1-CU] c 33 N92-22042

Electro-optic resonant phase modulator
[NASA-CASE-NPO-18702-1-CU] c 74 N92-23551

Configuration control of seven-degree-of-freedom arms
[NASA-CASE-NPO-18607-1-CU] c 37 N92-23553

Controlling flexible robot arms using a high speed dynamics process
[NASA-CASE-NPO-18499-1-CU] c 37 N92-24042

Controlling under-actuated robot arms using a high speed dynamics process
[NASA-CASE-NPO-18498-1-CU] c 37 N92-24043

Synchronous parallel system for emulation and discrete event simulation
[NASA-CASE-NPO-18414-1-CU] c 62 N92-24045

An improved SNS superconducting junction with weak link barrier and method of producing
[NASA-CASE-NPO-18552-1-CU] c 33 N92-24246

Secondary Li battery incorporating 12-Crown-4 ether
[NASA-CASE-NPO-17922-1-CU] c 33 N92-28753

Method and apparatus for phasing segmented mirror arrays
[NASA-CASE-NPO-18095-1-CU] c 74 N92-29122

Method and apparatus for frequency spectrum analysis
[NASA-CASE-NPO-17759-1-CU] c 32 N92-29124

Method and apparatus for predicting the direction of movement in machine vision
[NASA-CASE-NPO-17552-1-CU] c 54 N92-29129

Precision measurement of magnetic characteristics of an article with nullification of external magnetic fields
[NASA-CASE-NPO-18187-1-CU] c 70 N92-29130

Microwave temperature profiler for clear air turbulence prediction
[NASA-CASE-NPO-18115-1-CU] c 47 N92-29148

Ultra-high temperature stability Joule-Thomson cooler with capability to accomodate pressure variations
[NASA-CASE-NPO-18184-1-CU] c 35 N92-29156

Sample positioning in microgravity
[NASA-CASE-NPO-18448-1-CU] c 29 N92-30083

Fast temporal neural learning using teacher forcing
[NASA-CASE-NPO-18553-1-CU] c 63 N92-30085

Programmable hyperspectral image mapper with on-array processing
[NASA-CASE-NPO-17794-1-CU] c 74 N92-30104

Encyclopedia of software components
[NASA-CASE-NPO-18435-1-CU] c 61 N92-30543

VLSI architecture for a Reed-Solomon decoder
[NASA-CASE-NPO-17897-1-CU] c 33 N92-33011

Obstacle avoidance for redundant robots using configuration control
[NASA-CASE-NPO-17852-1-CU] c 63 N92-33019

Real-time edge-enhanced optical correlator
[NASA-CASE-NPO-18379-1-CU] c 74 N92-33022

Real time pre-detection dynamic range compression
[NASA-CASE-NPO-18098-1-CU] c 74 N92-33028

Auto and hetero-associative memory using a 2-D optical logic gate
[NASA-CASE-NPO-17997-1-CU] c 60 N92-33057

Hazardous materials emergency response mobile robot
[NASA-CASE-NPO-18690-1-CU] c 37 N92-34205

Cascaded VLSI neural network architecture for on-line learning
[NASA-CASE-NPO-18645-1-CU] c 63 N92-34240

INAS hole-immobilized doping superlattice long-wave-infrared detector
[NASA-CASE-NPO-17880-1-CU] c 76 N93-11056

The adaptive neuron model: An architecture for the rapid learning of nonlinear topological transformations
[NASA-CASE-NPO-18579-1-CU] c 63 N93-11174

Terminal slider control of nonlinear robotic systems
[NASA-CASE-NPO-18584-1-CU] c 37 N93-11177

Mappings between codewords of two distinct (N,K) Reed-Solomon codes over GF(2 sup J)
[NASA-CASE-NPO-18771-1-CU] c 61 N93-11664

Backward assembly planning with DFA analysis
[NASA-CASE-NPO-18817-1-CU] c 31 N93-12202

Quantum well, beam deflecting surface emitting lasers
[NASA-CASE-NPO-18243-1-CU] c 36 N93-13418

Integrated filter and detector array for spectral imaging
[NASA-CASE-NPO-18317-1-CU] c 74 N93-13419

Acoustic device and method for measuring gas densities
[NASA-CASE-NPO-18155-1-CU] c 71 N93-13421

Three-stage sorption type cryogenic refrigeration systems and methods employing heat regeneration
[NASA-CASE-NPO-18366-1-CU] c 31 N93-13422

Large area projection liquid-crystal video display system with inherent grid pattern optically removed
[NASA-CASE-NPO-16932-2-CU] c 74 N93-13711

Real-time edge-enhanced optical correlator
[NASA-CASE-NPO-18521-1-CU] c 74 N93-14404

Core design for use with precision composite reflectors
[NASA-CASE-NPO-17858-1-CU] c 24 N93-14700

Multiperiod-grating surface-emitting lasers
[NASA-CASE-NPO-17763-1-CU] c 36 N93-14703

High speed magneto-resistive random access memory
[NASA-CASE-NPO-17954-1-CU] c 60 N93-14704

A method for surmounting an obstacle by a robot vehicle
[NASA-CASE-NPO-18764-1-CU] c 37 N93-17272

Neural network training by integration of adjoint systems of equations forward in time
[NASA-CASE-NPO-18586-1-CU] c 63 N93-17276

Enhanced fatigue and retention in ferroelectric thin film memory capacitors by post-top electrode anneal treatment
[NASA-CASE-NPO-18551-1-CU] c 33 N93-17277

Near real-time stereo vision system
[NASA-CASE-NPO-18593-1-CU] c 74 N93-18276

Self-collimated unstable resonator semiconductor laser
[NASA-CASE-NPO-18386-1-CU] c 36 N93-18277

Cascaded transformerless DC-DC voltage amplifier with optically isolated switching devices
[NASA-CASE-NPO-17994-1-CU] c 33 N93-18278

Composite video and graphics display for camera viewing systems in robotics and teleoperation
[NASA-CASE-NPO-17836-1-CU] c 32 N93-18284

Method for non-destructive estimation of waveguide directional coupler dimensions
[NASA-CASE-NPO-18454-1-CU] c 33 N93-18285

AMTEC vapor-vapor series connected cells
[NASA-CASE-NPO-18667-1-CU] c 33 N93-19330

Long wavelength infrared detector
[NASA-CASE-NPO-17543-2-CU] c 35 N93-19387

Neural-network dedicated processor for solving competitive assignment problems
[NASA-CASE-NPO-17781-1-CU] c 60 N93-20116

Self-checking on-line testable static RAM
[NASA-CASE-NPO-17939-1-CU] c 60 N93-22032

Force reflecting hand controller
[NASA-CASE-NPO-17851-1-CU] c 37 N93-23078

Composite passive damping struts for large precision structures
[NASA-CASE-NPO-17914-1-CU] c 39 N93-24596

GaAs-based optoelectronic neurons
[NASA-CASE-NPO-18497-1-CU] c 63 N93-24599

Sample positioning in microgravity
[NASA-CASE-NPO-18448-1-CU] c 29 N93-24600

Motion measurement of acoustically levitated object
[NASA-CASE-NPO-18191-1-CU] c 09 N93-24601

Pseudomonas screening assay
[NASA-CASE-NPO-17653-1-CU] c 51 N93-25994

Multipath noise reduction spread spectrum signals
[NASA-CASE-NPO-18970-1-CU] c 32 N93-28126

Extended task space control for robotic manipulators
[NASA-CASE-NPO-18902-1-CU] c 37 N93-28129

Burst-by-burst laser frequency monitor
[NASA-CASE-NPO-18596-1-CU] c 36 N93-28132

Motion-sensitive optical correlator
[NASA-CASE-NPO-18769-1-CU] c 74 N93-28133

Parallel and series fed microstrip array with high efficiency and low cross polarization
[NASA-CASE-NPO-18678-1-CU] c 32 N93-28422
Three-grid accelerator system for an ion propulsion engine
[NASA-CASE-NPO-18391-1-CU] c 20 N93-28424
Diamond composite films for protective coatings on metals and method of formation
[NASA-CASE-NPO-18501-1-CU] c 27 N93-28426
Digital parallel processor array for optimum path planning
[NASA-CASE-NPO-18727-1-CU] c 62 N93-28427
Aberration correction of unstable resonators
[NASA-CASE-NPO-18662-1-CU] c 74 N93-28428
A satellite-tracking millimeter-wave reflector antenna system for mobile satellite-tracking
[NASA-CASE-NPO-18772-1-CU] c 32 N93-28955
Improved real-time imaging spectrometer
[NASA-CASE-NPO-18410-1-CU] c 74 N93-29086
Miniature modular microwave end-to-end receiver
[NASA-CASE-NPO-18713-1-CU] c 32 N93-29087
Three-parameter tunable Tilt-Integral-Derivative (TID) controller
[NASA-CASE-NPO-18492-1-CU] c 63 N93-29176
Special purpose parallel computer architecture for real-time control and simulation in robotic applications
[NASA-CASE-NPO-17629-1-CU] c 60 N93-29608
Wavelength-division multiplexed optical integrated circuit with vertical diffraction grating
[NASA-CASE-NPO-18357-1-CU] c 74 N93-29848
Hidden Markov models for fault detection in dynamic systems
[NASA-CASE-NPO-18982-1-CU] c 38 N93-30413
Tunable CW diode-pumped Tm,Ho:YLiF4 laser operating at or near room temperature
[NASA-CASE-NPO-18611-1-CU] c 36 N93-30415
Virtual reality flight control display with six-degree-of-freedom controller and spherical orientation overlay
[NASA-CASE-NPO-18733-1-CU] c 06 N93-30416
Force reflection with compliance control
[NASA-CASE-NPO-18668-1-CU] c 37 N94-10654
Method for producing a hybridization of detector array and integrated circuit for readout
[NASA-CASE-NPO-18062-1-CU] c 33 N94-10656
Alkali metal for ultraviolet band-pass filter
[NASA-CASE-NPO-18433-1-CU] c 74 N94-10657
Telerobot control system
[NASA-CASE-NPO-18116-1-CU] c 37 N94-10670
Carbon-carbon grid for ion engines
[NASA-CASE-NPO-19174-1-CU] c 20 N94-15876
Cyanoresin, cyanoresin/cellulose triacetate blends for thin film, dielectric capacitors
[NASA-CASE-NPO-18913-1-CU] c 27 N94-15930
Laser with optically driven Q-switch
[NASA-CASE-NPO-18470-1-CU] c 36 N94-15932
Display system employing acousto-optic tunable filter
[NASA-CASE-NPO-18736-1-CU] c 74 N94-15933
Cellulose triacetate, thin film dielectric capacitor
[NASA-CASE-NPO-18935-1-CU] c 33 N94-15952
Unipolar terminal-attractor based neural associative memory with adaptive threshold
[NASA-CASE-NPO-18790-1-CU] c 63 N94-15958
Selective formation of porous silicon
[NASA-CASE-NPO-18735-1-CU] c 27 N94-15960
Aberration correction of unstable resonators
[NASA-CASE-NPO-18791-1-CU] c 35 N94-15987
Leak detection utilizing analog binaural (VLSI) techniques
[NASA-CASE-NPO-18399-1-CU] c 33 N94-17323
Optically-switched submillimeter-wave oscillator and radiator
[NASA-CASE-NPO-18547-1-CU] c 33 N94-17324
Thin composite solid electrolyte film for lithium batteries
[NASA-CASE-NPO-18694-1-CU] c 33 N94-17325
Method and apparatus for spur-reduced digital sinusoid synthesis
[NASA-CASE-NPO-18789-1-CU] c 61 N94-17326
Buried porous silicon-germanium layers in monocrystalline silicon lattices and method of producing
[NASA-CASE-NPO-18836-1-CU] c 76 N94-17327
Non-blocking crossbar permutation engine with constant routing latency
[NASA-CASE-NPO-18864-1-CU] c 62 N94-17328
Electron reversal ionizer for detection of trace species using a spherical cathode
[NASA-CASE-NPO-18870-1-CU] c 72 N94-17329
A scalable wrap-around shuffle exchange network with deflection routing
[NASA-CASE-NPO-18983-1-CU] c 62 N94-17330
Wide angle, single screen, gridded square-loop frequency selective surface for diplexing two closely separated frequency bands
[NASA-CASE-NPO-18664-1-CU] c 89 N94-17438
Optoelectronic associative memory
[NASA-CASE-NPO-18278-1-CU] c 74 N94-20303
Feedback controlled optics with wavefront compensation
[NASA-CASE-NPO-18194-1-CU] c 74 N94-20305
Wide-angle imaging system with fiberoptic components providing angle-dependent virtual material stops
[NASA-CASE-NPO-18146-1-CU] c 74 N94-20345
Electronic neural network for solving traveling salesman and similar global optimization problems
[NASA-CASE-NPO-17807-2-CU] c 63 N94-20360
Segmented ion thruster
[NASA-CASE-NPO-18192-1-CU] c 20 N94-20496
Dual frequency optical carrier technique for transmission of reference frequencies in dispersive media
[NASA-CASE-NPO-18007-2-CU] c 74 N94-23270
Non-volatile, solid state bistable electrical switch
[NASA-CASE-NPO-17621-1-CU] c 33 N94-23820
Planar varactor frequency multiplier devices with blocking barrier
[NASA-CASE-NPO-18428-1-CU] c 33 N94-23821
Overcharge and overdischarge protection of ambient temperature secondary lithium cells
[NASA-CASE-NPO-18343-1-CU] c 33 N94-23823
Method of forming silicon structures with selectable optical characteristics
[NASA-CASE-NPO-18625-1-CU] c 76 N94-23972
Method for forming thin composite solid electrolyte film for lithium batteries
[NASA-CASE-NPO-18877-1-CU] c 33 N94-29357
Plasma heating for containerless and microgravity materials processing
[NASA-CASE-NPO-18819-1-CU] c 29 N94-29371
Digital camera with apparatus for authentication of images produced from an image file
[NASA-CASE-NPO-19108-1-CU] c 35 N94-29373
Method of implementing digital phase-locked loops
[NASA-CASE-NPO-18757-1-CU] c 33 N94-29374
Dendrite preventing separator for secondary lithium batteries
[NASA-CASE-NPO-18585-1-CU] c 33 N94-29411
An emergency response mobile robot for operations in combustible atmospheres
[NASA-CASE-NPO-19020-1-CU] c 37 N94-29420
Nonvolatile programmable neural network synaptic array
[NASA-CASE-NPO-18578-1-CU] c 33 N94-29426
High level language-based robotic control system
[NASA-CASE-NPO-17918-2-CU] c 63 N94-29465
Monolithic in-based III-V compound semiconductor focal plane array cell with single stage CCD output
[NASA-CASE-NPO-18978-1-CU] c 33 N94-29488
Catalytic ignitor for regenerative propellant gun
[NASA-CASE-NPO-18987-1-CU] c 28 N94-29490
Reconfigurable optical interconnections via dynamic computer-generated holograms
[NASA-CASE-NPO-19039-1-CU] c 74 N94-29491
A neural network with modular hierarchical learning
[NASA-CASE-NPO-19077-1-CU] c 63 N94-29492
Lasercom system architecture with reduced complexity
[NASA-CASE-NPO-19069-1-CU] c 36 N94-29493
Extended horizon lifting for periodic gain adjustment in control systems, and for equalization of communication channels
[NASA-CASE-NPO-19166-1-CU] c 32 N94-29495
An alternate method for achieving temperature control in the -160 to +90 C range
[NASA-CASE-NPO-18995-1-CU] c 35 N94-29497
Epitaxial heterojunctions of oxide semiconductors and metals on high temperature superconductors
[NASA-CASE-NPO-18483-1-CU] c 76 N94-29501
Kinematic functions for redundancy resolution using configuration control
[NASA-CASE-NPO-18608-1-CU] c 63 N94-29504
Anode for rechargeable ambient temperature lithium cells
[NASA-CASE-NPO-18580-1-CU] c 33 N94-29505
Neural network with dynamically adaptable neurons
[NASA-CASE-NPO-17803-1-CU] c 63 N94-29756
Correction-free pyrometry in radiant wall furnaces
[NASA-CASE-NPO-18655-1-CU] c 35 N94-35114
High temperature sorbents for oxygen
[NASA-CASE-NPO-18409-1-CU] c 25 N94-35255
Separation tool for multipin electrical connectors
[NASA-CASE-NPO-18786-1-CU] c 37 N94-35375
Adjustable control station with movable monitors and cameras for viewing systems in robotics and teleoperations
[NASA-CASE-NPO-17837-1-CU] c 74 N94-35384
Method and apparatus for removing unwanted reflections from an interferometer
[NASA-CASE-NPO-18478-1-CU] c 74 N94-35749

Johns Hopkins Univ., Laurel, MD.
Telemetry synchronizer
[NASA-CASE-GSC-11868-1] c 17 N76-22245

Johns Hopkins Univ., Silver Spring, MD.
Open loop digital frequency multiplier
[NASA-CASE-MSC-12709-1] c 33 N77-24375

K

Kansas Univ., Lawrence, KS.
Airplane takeoff and landing performance monitoring system
[NASA-CASE-LAR-13734-1-CU] c 09 N90-20096

Kelsey-Hayes Co., Romulus, MI.
Variable thrust ion engine utilizing thermally decomposable solid fuel Patent
[NASA-CASE-XMF-00923] c 28 N70-36802

Keltec Industries, Inc., Alexandria, VA.
Unfurlable structure including coiled strips thrust launched upon tension release Patent
[NASA-CASE-HQN-00937] c 07 N71-28979

Kentucky Univ., Lexington, KY.
Apparatus for determining changes in limb volume
[NASA-CASE-MSC-18759-1] c 52 N83-27578

Kinelogic Corp., Pasadena, CA.
Excitation and detection circuitry for a flux responsive magnetic head
[NASA-CASE-XNP-04183] c 09 N69-24329
Tape guidance system and apparatus for the provision thereof Patent
[NASA-CASE-XNP-09453] c 08 N71-19420
Incremental tape recorder and data rate converter Patent
[NASA-CASE-XNP-02778] c 08 N71-22710

Kollsman Instrument Corp., Elmhurst, NY.
Wide angle long eye relief eyepiece Patent
[NASA-CASE-XMS-06056-1] c 23 N71-24857

Kollsman Instrument Corp., Syosset, NY.
Digital modulator and demodulator Patent
[NASA-CASE-ERC-10041] c 08 N71-29138
Ritchey-Chretien Telescope
[NASA-CASE-GSC-11487-1] c 14 N73-30393

Konigsberg Instruments, Inc., Pasadena, CA.
Accelerometer telemetry system
[NASA-CASE-ARC-10849-1] c 17 N76-29347

Korad Corp., New York, NY.
Laser apparatus for removing material from rotating objects Patent
[NASA-CASE-MFS-11279] c 16 N71-20400

L

Life Systems, Inc., Beachwood, OH.
Iodine generator for reclaimed water purification
[NASA-CASE-MSC-14632-1] c 54 N78-14784

Ling-Temco-Vought, Inc., Dallas, TX.
Latch/ejector unit Patent
[NASA-CASE-XLA-03538] c 15 N71-24897

Little (Arthur D.), Inc., Cambridge, MA.
Apparatus for measuring thermal conductivity Patent
[NASA-CASE-XGS-01052] c 14 N71-15992
Non-flammable elastomeric fiber from a fluorinated elastomer and containing an halogenated flame retardant
[NASA-CASE-MSC-14331-1] c 27 N76-24405
Flame retardant spandex type polyurethanes
[NASA-CASE-MSC-14331-2] c 27 N78-17213
Process for spinning flame retardant elastomeric compositions
[NASA-CASE-MSC-14331-3] c 27 N78-32262
Heat sealable, flame and abrasion resistant coated fabric
[NASA-CASE-MSC-18382-1] c 27 N82-16238
Heat sealable, flame and abrasion resistant coated fabric
[NASA-CASE-MSC-18382-2] c 27 N84-14324
Heat resistant protective hand covering
[NASA-CASE-MSC-20261-2] c 54 N84-23113
Heat resistant protective hand covering
[NASA-CASE-MSC-20261-1] c 54 N84-28484

Litton Industries, Beverly Hills, CA.
Life support system
[NASA-CASE-MSC-12411-1] c 05 N72-20096

Litton Industries, College Park, MD.
Shrink-fit gas valve Patent
[NASA-CASE-XGS-00587] c 15 N70-35087

Litton Industries, San Carlos, CA.
Very high intensity light source using a cathode ray tube
[NASA-CASE-XNP-01296] c 33 N75-27250

Litton Systems, Inc., Minneapolis, MN.
Apparatus for sampling particulates in gases
[NASA-CASE-HQN-10037-1] c 14 N73-27376

Lockheed Aircraft Corp., Burbank, CA.
Aerodynamic protection for space flight vehicles Patent
[NASA-CASE-XNP-02507] c 31 N71-17679

M

N

Non-toxic invert analog glass compositions of high modulus
[NASA-CASE-HQN-10328-2] c 27 N82-29454
High modulus rare earth and beryllium containing silicate glass compositions
[NASA-CASE-HQN-10595-1] c 27 N82-29455
High resistance and raised modulus carbon fibers
[NASA-TM-76884] c 24 N85-25436
Work attachment mechanism/work attachment fixture
[NASA-CASE-GSC-13430-1] c 37 N93-14712

National Aeronautics and Space Administration. Ames Research Center, Moffett Field, CA.

Nonmagnetic thermal motor for a magnetometer
[NASA-CASE-XAR-03786] c 09 N69-21313
Balanced bellows spirometer
[NASA-CASE-XAR-01547] c 05 N69-21473
Cryogenic apparatus for measuring the intensity of magnetic fields
[NASA-CASE-XAC-02407] c 14 N69-27423
Variable stiffness polymeric damper
[NASA-CASE-XAC-11225] c 14 N69-27486
Shock-layer radiation measurement
[NASA-CASE-XAC-02970] c 14 N69-39896
Protective circuit of the spark gap type
[NASA-CASE-XAC-08981] c 09 N69-39897
Apparatus for coupling a plurality of ungrounded circuits to a grounded circuit Patent
[NASA-CASE-XAC-00086] c 09 N70-33182
Two-plane balance Patent
[NASA-CASE-XAC-00073] c 14 N70-34813
Centrifuge mounted motion simulator Patent
[NASA-CASE-XAC-00399] c 11 N70-34815
Differential pressure cell Patent
[NASA-CASE-XAC-00042] c 14 N70-34816
High-temperature, high-pressure spherical segment valve Patent
[NASA-CASE-XAC-00074] c 15 N70-34817
Magnetically centered liquid column float Patent
[NASA-CASE-XAC-00030] c 14 N70-34820
Propeller blade loading control Patent
[NASA-CASE-XAC-00139] c 02 N70-34856
Temperature compensated solid state differential amplifier Patent
[NASA-CASE-XAC-00435] c 09 N70-35440
High speed low level electrical stepping switch Patent
[NASA-CASE-XAC-00060] c 09 N70-39915
Analog-to-digital conversion system Patent
[NASA-CASE-XAC-00404] c 08 N70-40125
Null-type vacuum microbalance Patent
[NASA-CASE-XAC-00472] c 15 N70-40180
Thermo-protective device for balances Patent
[NASA-CASE-XAC-00648] c 14 N70-40400
Three-axis controller Patent
[NASA-CASE-XAC-01404] c 05 N70-41581
Electric arc device for heating gases Patent
[NASA-CASE-XAC-00319] c 25 N70-41628
Dynamic sensor Patent
[NASA-CASE-XAC-02877] c 14 N70-41681
Universal pilot restraint suit and body support therefor Patent
[NASA-CASE-XAC-00405] c 05 N70-41819
Proportional controller Patent
[NASA-CASE-XAC-03392] c 03 N70-41954
Force transducer Patent
[NASA-CASE-XAC-01101] c 14 N70-41957
Electrode construction Patent
[NASA-CASE-ARC-10043-1] c 05 N71-11193
Telemeter adaptable for implanting in an animal Patent
[NASA-CASE-XAC-05706] c 05 N71-12342
Gyrator type circuit Patent
[NASA-CASE-XAC-10608-1] c 09 N71-12517
Ultraviolet resonance lamp Patent
[NASA-CASE-ARC-10030] c 09 N71-12521
Differential temperature transducer Patent
[NASA-CASE-XAC-00812] c 14 N71-15598
Multiple circuit switch apparatus with improved pivot actuator structure Patent
[NASA-CASE-XAC-03777] c 10 N71-15909
Method of planetary atmospheric investigation using a split-trajectory dual flyby mode Patent
[NASA-CASE-XAC-08494] c 30 N71-15990
High efficiency multivibrator Patent
[NASA-CASE-XAC-00942] c 10 N71-16042
Apparatus for measuring conductivity and velocity of plasma utilizing a plurality of sensing coils positioned in the plasma Patent
[NASA-CASE-XAC-05695] c 25 N71-16073
Flight craft Patent
[NASA-CASE-XAC-02058] c 02 N71-16087
Three-axis finger tip controller for switches Patent
[NASA-CASE-XAC-02405] c 09 N71-16089
Electrostatic charged particle analyzer having deflection members shaped according to the periodic voltage applied thereto Patent
[NASA-CASE-XAC-05506-1] c 24 N71-16095
Inertial reference apparatus Patent
[NASA-CASE-XAC-03107] c 23 N71-16098
Fastener apparatus Patent
[NASA-CASE-ARC-10140-1] c 15 N71-17653
Stabilization of gravity oriented satellites Patent
[NASA-CASE-XAC-01591] c 31 N71-17729
Microwave flaw detector Patent
[NASA-CASE-ARC-10009-1] c 15 N71-17822
Hypervelocity gun Patent
[NASA-CASE-XAC-05902] c 11 N71-18578
Nonlinear analog-to-digital converter Patent
[NASA-CASE-XAC-04031] c 08 N71-18594
Demodulation system Patent
[NASA-CASE-XAC-04030] c 10 N71-19472
Phase quadrature-plural channel data transmission system Patent
[NASA-CASE-XAC-06302] c 08 N71-19763
Two force component measuring device Patent
[NASA-CASE-XAC-04886-1] c 14 N71-20439
Attitude controls for VTOL aircraft Patent
[NASA-CASE-XAC-08972] c 02 N71-20570
Electric arc apparatus Patent
[NASA-CASE-XAC-01677] c 09 N71-20816
Inertia diaphragm pressure transducer Patent
[NASA-CASE-XAC-02981] c 14 N71-21072
Stirring apparatus for plural test tubes Patent
[NASA-CASE-XAC-06956] c 15 N71-21177
Exposure system for animals Patent
[NASA-CASE-XAC-05333] c 11 N71-22875
Vibrating element electrometer with output signal magnified over input signal by a function of the mechanical Q of the vibrating element Patent
[NASA-CASE-XAC-02807] c 09 N71-23021
Hall current measuring apparatus having a series resistor for temperature compensation Patent
[NASA-CASE-XAC-01662] c 14 N71-23037
Transfer valve Patent
[NASA-CASE-XAC-01158] c 15 N71-23051
Hard space suit Patent
[NASA-CASE-XAC-07043] c 05 N71-23161
Method and apparatus for continuously monitoring blood oxygenation, blood pressure, pulse rate and the pressure pulse curve utilizing an ear oximeter as transducer Patent
[NASA-CASE-XAC-05422] c 04 N71-23185
Feedback integrator with grounded capacitor Patent
[NASA-CASE-XAC-10607] c 10 N71-23669
Floating two force component measuring device Patent
[NASA-CASE-XAC-04885] c 14 N71-23790
Control device Patent
[NASA-CASE-XAC-10019] c 15 N71-23809
Means for suppressing or attenuating bending motion of elastic bodies Patent
[NASA-CASE-XAC-05632] c 32 N71-23971
Device for measuring pressure Patent
[NASA-CASE-XAC-04458] c 14 N71-24232
Transducer circuit and catheter transducer Patent
[NASA-CASE-ARC-10132-1] c 09 N71-24597
Skeletal stressing method and apparatus Patent
[NASA-CASE-ARC-10100-1] c 05 N71-24738
Modified polyurethane foams for fuel-fire Patent
[NASA-CASE-ARC-10098-1] c 06 N71-24739
Deep space monitor communication satellite system Patent
[NASA-CASE-XAC-06029-1] c 31 N71-24813
Laser fluid velocity detector Patent
[NASA-CASE-XAC-10770-1] c 16 N71-24828
Transient video signal recording with expanded playback Patent
[NASA-CASE-ARC-10003-1] c 09 N71-25866
Thermally cycled magnetometer Patent
[NASA-CASE-XAC-03740] c 14 N71-26135
Optical machine tool alignment indicator Patent
[NASA-CASE-XAC-09489-1] c 15 N71-26673
Energy limiter for hydraulic actuators Patent
[NASA-CASE-ARC-10131-1] c 15 N71-27754
Multivibrator circuit with means to prevent false triggering from supply voltage fluctuations Patent
[NASA-CASE-ARC-10137-1] c 09 N71-28468
Locomotion and restraint aid Patent
[NASA-CASE-ARC-10153] c 05 N71-28619
Line following servosystem Patent
[NASA-CASE-XAC-00001] c 15 N71-28952
Mechanically limited, electrically operated hydraulic valve system for aircraft controls Patent
[NASA-CASE-XAC-00048] c 02 N71-29128
Precision rectifier with FET switching means Patent
[NASA-CASE-ARC-10101-1] c 09 N71-33109
Solar cell Patent
[NASA-CASE-ARC-10050] c 03 N71-33409
Phase shift circuit apparatus
[NASA-CASE-ARC-10269-1] c 10 N72-16172
High intensity radiant energy pulse source having means for opening shutter when light flux has reached a desired level
[NASA-CASE-ARC-10178-1] c 09 N72-17152
Telemetry actuated switch
[NASA-CASE-ARC-10105] c 09 N72-17153
Active RC networks
[NASA-CASE-ARC-10020] c 10 N72-17172
Apparatus for automatically stabilizing the attitude of a nonguided vehicle
[NASA-CASE-ARC-10134] c 30 N72-17873
Method and apparatus for swept-frequency impedance measurements of welds
[NASA-CASE-ARC-10176-1] c 15 N72-21464
Space suit having improved waist and torso movement
[NASA-CASE-ARC-10275-1] c 05 N72-22092
RF controlled solid state switch
[NASA-CASE-ARC-10136-1] c 09 N72-22202
Wide range dynamic pressure sensor
[NASA-CASE-ARC-10263-1] c 14 N72-22438
Method and apparatus for measuring the damping characteristics of a structure
[NASA-CASE-ARC-10154-1] c 14 N72-22440
Magnetic position detection method and apparatus
[NASA-CASE-ARC-10179-1] c 21 N72-22619
Fluidic proportional thruster system
[NASA-CASE-ARC-10106-1] c 28 N72-22769
Thermodielectric radiometer utilizing polymer film
[NASA-CASE-ARC-10138-1] c 14 N72-24477
Polymeric vehicles as carriers for sulfonic acid salt of nitrosubstituted aromatic amines
[NASA-CASE-ARC-10325] c 06 N72-25147
Stereoscopic television system and apparatus
[NASA-CASE-ARC-10160-1] c 23 N72-27728
Metallic intrusion detector system
[NASA-CASE-ARC-10265-1] c 10 N72-28240
Apparatus for ionization analysis
[NASA-CASE-ARC-10017-1] c 14 N72-29464
Nondispersive gas analyzing method and apparatus wherein radiation is serially passed through a reference and unknown gas
[NASA-CASE-ARC-10308-1] c 06 N72-31141
Two degree inverted flexure
[NASA-CASE-ARC-10345-1] c 15 N73-12488
Intumescent paint containing nitrile rubber
[NASA-CASE-ARC-10196-1] c 18 N73-13562
Temperature compensated light source using a light emitting diode
[NASA-CASE-ARC-10467-1] c 09 N73-14214
Self-tuning bandpass filter
[NASA-CASE-ARC-10264-1] c 09 N73-20231
Micrometeoroid analyzer
[NASA-CASE-ARC-10443-1] c 14 N73-20477
Multiple pass reimaging optical system
[NASA-CASE-ARC-10194-1] c 23 N73-20741
Intruder detection system
[NASA-CASE-ARC-10097-2] c 07 N73-25160
Interferometric rotation sensor
[NASA-CASE-ARC-10278-1] c 14 N73-25463
Dual-fuselage aircraft having yawable wing and horizontal stabilizer
[NASA-CASE-ARC-10470-1] c 02 N73-26005
Temperature controller for a fluid cooled garment
[NASA-CASE-ARC-10599-1] c 05 N73-26071
Visual examination apparatus
[NASA-CASE-ARC-10329-1] c 05 N73-26072
Intumescent composition, foamed product prepared therewith, and process for making same
[NASA-CASE-ARC-10304-1] c 18 N73-26572
Infrared tunable laser
[NASA-CASE-ARC-10463-1] c 09 N73-32111
Low power electromagnetic flowmeter providing accurate zero set
[NASA-CASE-ARC-10362-1] c 14 N73-32326
Hand-held photomicroscope
[NASA-CASE-ARC-10468-1] c 14 N73-33361
Alignment apparatus using a laser having a gravitationally sensitive cavity reflector
[NASA-CASE-ARC-10444-1] c 16 N73-33397
Polyimide foam for the thermal insulation and fire protection
[NASA-CASE-ARC-10464-1] c 27 N74-12812
Flexible fire retardant polyisocyanate modified neoprene foam
[NASA-CASE-ARC-10180-1] c 27 N74-12814
Heater-mixer for stored fluids
[NASA-CASE-ARC-10442-1] c 35 N74-15093
Bimetallic fluid displacement apparatus
[NASA-CASE-ARC-10441-1] c 35 N74-15126
Automatic real-time pair-feeding system for animals
[NASA-CASE-ARC-10302-1] c 51 N74-15778
Overvoltage protection network
[NASA-CASE-ARC-10197-1] c 33 N74-17929

Ultrasonic biomedical measuring and recording apparatus
[NASA-CASE-ARC-10597-1] c 52 N74-20726

Ultraviolet and thermally stable polymer compositions
[NASA-CASE-ARC-10592-1] c 27 N74-21156

High speed shutter
[NASA-CASE-ARC-10516-1] c 70 N74-21300

Bio-isolated dc operational amplifier
[NASA-CASE-ARC-10596-1] c 33 N74-21851

Programmable physiological infusion
[NASA-CASE-ARC-10447-1] c 52 N74-22771

Chromato-fluorographic drug detector
[NASA-CASE-ARC-10633-1] c 25 N74-26947

Intumescent composition, foamed product prepared therewith and process for making same
[NASA-CASE-ARC-10304-2] c 27 N74-27037

Photomultiplier circuit including means for rapidly reducing the sensitivity thereof
[NASA-CASE-ARC-10593-1] c 33 N74-27682

Concentric differential gearing arrangement
[NASA-CASE-ARC-10462-1] c 37 N74-27901

Measurement of plasma temperature and density using radiation absorption
[NASA-CASE-ARC-10598-1] c 75 N74-30156

Abating exhaust noises in jet engines
[NASA-CASE-ARC-10712-1] c 07 N74-33218

Solid medium thermal engine
[NASA-CASE-ARC-10461-1] c 44 N74-33379

Automated analysis of oxidative metabolites
[NASA-CASE-ARC-10469-1] c 25 N75-12086

Method of preparing water purification membranes
[NASA-CASE-ARC-10643-1] c 25 N75-12087

Method of forming aperture plate for electron microscope
[NASA-CASE-ARC-10448-2] c 74 N75-12732

Integrated lift/drag controller for aircraft
[NASA-CASE-ARC-10456-1] c 05 N75-12930

Wind tunnel flow generation section
[NASA-CASE-ARC-10710-1] c 09 N75-12969

Continuous Fourier transform method and apparatus
[NASA-CASE-ARC-10466-1] c 60 N75-13539

Dual wavelength scanning Doppler velocimeter
[NASA-CASE-ARC-10637-1] c 35 N75-16783

Signal conditioning circuit apparatus
[NASA-CASE-ARC-10348-1] c 33 N75-19518

Diode-quad bridge circuit means
[NASA-CASE-ARC-10364-3] c 33 N75-19520

Reversed cowl flap inlet thrust augmentor
[NASA-CASE-ARC-10754-1] c 07 N75-24736

Diode-quad bridge circuit means
[NASA-CASE-ARC-10364-2] c 33 N75-25041

Rotary plant growth accelerating apparatus
[NASA-CASE-ARC-10722-1] c 51 N75-25503

Shoulder harness and lap belt restraint system
[NASA-CASE-ARC-10519-2] c 05 N75-25915

Gas chromatograph injection system
[NASA-CASE-ARC-10344-2] c 35 N75-26334

Reference apparatus for medical ultrasonic transducer
[NASA-CASE-ARC-10753-1] c 54 N75-27760

Electric arc light source having undercut recessed anode
[NASA-CASE-ARC-10266-1] c 33 N75-29318

G-load measuring and indicator apparatus
[NASA-CASE-ARC-10806-1] c 35 N75-29381

NDIR gas analyzer based on absorption modulation ratios for known and unknown samples
[NASA-CASE-ARC-10802-1] c 35 N75-30502

Diatomic infrared gasdynamic laser
[NASA-CASE-ARC-10370-1] c 36 N75-31426

Pneumatic load compensating or controlling system
[NASA-CASE-ARC-10907-1] c 37 N75-32465

Combined dual scatter, local oscillator laser Doppler velocimeter
[NASA-CASE-ARC-10642-1] c 36 N76-14447

Fiber modified polyurethane foam for ballistic protection
[NASA-CASE-ARC-10714-1] c 27 N76-15310

Transparent fire resistant polymeric structures
[NASA-CASE-ARC-10813-1] c 27 N76-16230

Modulated hydrogen ion flame detector
[NASA-CASE-ARC-10322-1] c 35 N76-18403

Electrical conductivity cell and method for fabricating the same
[NASA-CASE-ARC-10810-1] c 33 N76-19339

Method and apparatus for compensating reflection losses in a path length modulated absorption-absorption trace gas detector
[NASA-CASE-ARC-10631-1] c 74 N76-20958

Trielectrode capacitive pressure transducer
[NASA-CASE-ARC-10711-2] c 33 N76-21390

Nulling device for detection of trace gases by NDIR absorption
[NASA-CASE-ARC-10760-1] c 25 N76-22323

Silica reusable surface insulation
[NASA-CASE-ARC-10721-1] c 27 N76-22376

Optical alignment device
[NASA-CASE-ARC-10932-1] c 74 N76-22993

Vehicle simulator binocular multiplanar visual display system
[NASA-CASE-ARC-10808-1] c 09 N76-24280

Readout electrode assembly for measuring biological impedance
[NASA-CASE-ARC-10816-1] c 35 N76-24525

System for measuring Reynolds in a turbulently flowing fluid
[NASA-CASE-ARC-10755-2] c 34 N76-27517

Oblique-wing supersonic aircraft
[NASA-CASE-ARC-10470-3] c 05 N76-29217

Accelerometer telemetry system
[NASA-CASE-ARC-10849-1] c 17 N76-29347

Miniature ingestible telemeter devices to measure deep-body temperature
[NASA-CASE-ARC-10583-1] c 52 N76-29894

Visual examination apparatus
[US-PATENT-RE-28,921] c 52 N76-30793

Integrated structure vacuum tube
[NASA-CASE-ARC-10445-1] c 31 N76-31365

Ultraviolet and thermally stable polymer compositions
[NASA-CASE-ARC-10592-2] c 27 N76-32315

Biomedical ultrasonoscope
[NASA-CASE-ARC-10994-1] c 52 N76-33835

Thermistor holder for skin temperature measurements
[NASA-CASE-ARC-10855-1] c 52 N77-10780

Smoke generator
[NASA-CASE-ARC-10905-1] c 37 N77-13418

Electron microscope aperture system
[NASA-CASE-ARC-10448-3] c 35 N77-14408

Liquid cooled brassiere and method of diagnosing malignant tumors therewith
[NASA-CASE-ARC-11007-1] c 52 N77-14736

Hingeless helicopter rotor with improved stability
[NASA-CASE-ARC-10807-1] c 05 N77-17029

The engine air intake system
[NASA-CASE-ARC-10761-1] c 07 N77-18154

Spring operated accelerator and constant force spring mechanism therefor
[NASA-CASE-ARC-10898-1] c 35 N77-18417

Rotating launch device for a remotely piloted aircraft
[NASA-CASE-ARC-10979-1] c 09 N77-19076

Tubular sublimatory evaporator heat sink
[NASA-CASE-ARC-10912-1] c 34 N77-19353

Selective data segment monitoring system
[NASA-CASE-ARC-10899-1] c 60 N77-19760

All sky pointing attitude control system
[NASA-CASE-ARC-10716-1] c 35 N77-20399

Metallic hot wire anemometer
[NASA-CASE-ARC-10911-1] c 35 N77-20400

Optical instrument employing reticle having preselected visual response pattern formed thereon
[NASA-CASE-ARC-10976-1] c 74 N77-22950

Sampling video compression system
[NASA-CASE-ARC-10984-1] c 32 N77-24328

Method for making a hot wire anemometer and product thereof
[NASA-CASE-ARC-10900-1] c 35 N77-24454

Pseudo-backscatter laser Doppler velocimeter employing antiparallel-reflector in the forward direction
[NASA-CASE-ARC-10970-1] c 36 N77-25501

System for measuring three fluctuating velocity components in a turbulently flowing fluid
[NASA-CASE-ARC-10974-1] c 34 N77-27345

Twin-capacitive shaft angle encoder with analog output signal
[NASA-CASE-ARC-10897-1] c 33 N77-31404

Anthropomorphic master/slave manipulator system
[NASA-CASE-ARC-10756-1] c 54 N77-32721

Mechanical energy storage device for hip disarticulation
[NASA-CASE-ARC-10916-1] c 52 N78-10686

Optically selective, acoustically resonant gas detecting transducer
[NASA-CASE-ARC-10639-1] c 35 N78-13400

Intumescent coatings containing 4,4'-dinitrosulfanilide
[NASA-CASE-ARC-11042-1] c 24 N78-14096

Automatic multiple-sample applicator and electrophoresis apparatus
[NASA-CASE-ARC-10991-1] c 25 N78-14104

Flow separation detector
[NASA-CASE-ARC-11046-1] c 35 N78-14364

Honeycomb-laminate composite structure
[NASA-CASE-ARC-10913-1] c 24 N78-15180

Heat pipe with dual working fluids
[NASA-CASE-ARC-10198] c 34 N78-17336

Multi-chamber controllable heat pipe
[NASA-CASE-ARC-10199] c 34 N78-17337

Walking boot assembly
[NASA-CASE-ARC-11101-1] c 54 N78-17675

Full color hybrid display for aircraft simulators
[NASA-CASE-ARC-10903-1] c 09 N78-18083

Apparatus for measuring a sorbate dispersed in a fluid stream
[NASA-CASE-ARC-10896-1] c 35 N78-19465

Automatic fluid dispenser
[NASA-CASE-ARC-10820-1] c 35 N78-19466

Intumescent-ablator coatings using endothermic fillers
[NASA-CASE-ARC-11043-1] c 24 N78-27180

Low density bismaleimide-carbon microballoon composites
[NASA-CASE-ARC-11040-2] c 24 N78-27184

Rotary leveling base platform
[NASA-CASE-ARC-10981-1] c 37 N78-27425

Tread drum for animals
[NASA-CASE-ARC-10917-1] c 51 N78-27733

Polymeric foams from cross-linkable poly-n-arylenebenzimidazoles
[NASA-CASE-ARC-11008-1] c 27 N78-31232

Boron trifluoride coatings for thermoplastic materials and method of applying same in glow discharge
[NASA-CASE-ARC-11057-1] c 27 N78-31233

Spacesuit mobility joints
[NASA-CASE-ARC-11058-1] c 54 N78-31735

Spacesuit torso closure
[NASA-CASE-ARC-11100-1] c 54 N78-31736

Process for preparing higher oxides of the alkali and alkaline earth metals
[NASA-CASE-ARC-10992-1] c 26 N78-32229

Reaction cured glass and glass coatings
[NASA-CASE-ARC-11051-1] c 27 N78-32260

Angle detector
[NASA-CASE-ARC-11036-1] c 35 N78-32395

Process for producing a well-adhered durable optical coating on an optical plastic substrate
[NASA-CASE-ARC-11039-1] c 74 N78-32854

Process for the preparation of calcium superoxide
[NASA-CASE-ARC-11053-1] c 25 N79-10162

Contour detector and data acquisition system for the left ventricular outline
[NASA-CASE-ARC-10985-1] c 52 N79-10724

Ambient cure polyimide foams
[NASA-CASE-ARC-11170-1] c 27 N79-11215

Microelectrophoretic apparatus and process
[NASA-CASE-ARC-11121-1] c 25 N79-14169

Preparation of dielectric coating of variable dielectric constant by plasma polymerization
[NASA-CASE-ARC-10892-2] c 27 N79-14214

Electric discharge for treatment of trace contaminants
[NASA-CASE-ARC-10975-1] c 33 N79-15245

Low density bismaleimide-carbon microballoon composites
[NASA-CASE-ARC-11040-1] c 24 N79-16915

Constant lift rotor for a heavier than air craft
[NASA-CASE-ARC-11045-1] c 05 N79-17847

Oxygen post-treatment of plastic surface coated with plasma polymerized silicon-containing monomers
[NASA-CASE-ARC-10915-2] c 27 N79-18052

Miniature implantable ultrasonic echosonometer
[NASA-CASE-ARC-11035-1] c 52 N79-18580

Preparation of heterocyclic block copolymer omega-diamidoximes
[NASA-CASE-ARC-11060-1] c 27 N79-22300

Fibrous refractory composite insulation
[NASA-CASE-ARC-11169-1] c 24 N79-24062

Spacesuit mobility knee joints
[NASA-CASE-ARC-11058-2] c 54 N79-24651

Fire protection covering for small diameter missiles
[NASA-CASE-ARC-11104-1] c 15 N79-26100

Biomedical ultrasonoscope
[NASA-CASE-ARC-10994-2] c 52 N79-26771

Controller arm for a remotely related slave arm
[NASA-CASE-ARC-11052-1] c 37 N79-28551

Acoustically swept rotor
[NASA-CASE-ARC-11106-1] c 05 N80-14107

Catalysts for polyimide foams from aromatic isocyanates and aromatic dianhydrides
[NASA-CASE-ARC-11107-1] c 25 N80-16116

Cryogenic container compound suspension strap
[NASA-CASE-ARC-11157-1] c 37 N80-18393

Induction powered biological radiosonde
[NASA-CASE-ARC-11120-1] c 52 N80-18691

Chelate-modified polymers for atmospheric gas chromatography
[NASA-CASE-ARC-11154-1] c 25 N80-23383

Reverse osmosis membrane of high urea rejection properties
[NASA-CASE-ARC-10980-1] c 27 N80-23452

Reduction of nitric oxide emissions from a combustor
[NASA-CASE-ARC-10814-2] c 07 N80-26298

Aircraft engine nozzle
[NASA-CASE-ARC-10977-1] c 07 N80-32392

Pocket ECG electrode
[NASA-CASE-ARC-11258-1] c 52 N80-33081

Structural wood panels with improved fire resistance
[NASA-CASE-ARC-11174-1] c 24 N81-13999

Suitport extra-vehicular access facility
[NASA-CASE-ARC-11635-1] c 18 N90-16860
The 1-((diorganooxyphosphonyl)-methyl)-2,4- and -2,6-diamido benzenes
[NASA-CASE-ARC-11425-4] c 23 N90-20133
Boron-containing organosilane polymers and ceramic materials thereof
[NASA-CASE-ARC-11649-2-SB] c 27 N90-21177
Some 1-(diorganooxyphosphonyl)methyl-2,4- and -2,6-dinitro-benzenes
[NASA-CASE-ARC-11425-3] c 23 N90-23475
Three-dimensional laser velocimeter simultaneity detector
[NASA-CASE-ARC-11876-1] c 36 N90-25340
Wind tunnel balance
[NASA-CASE-ARC-11877-1-SB] c 09 N91-14357
Multiple axis reticle
[NASA-CASE-ARC-11886-1-SB] c 35 N91-14591
Laser velocimeter for near-surface measurements
[NASA-CASE-ARC-11917-1] c 35 N91-15520
Airborne rescue system
[NASA-CASE-ARC-11909-1] c 03 N91-31113
Etching method for photoresists or polymers
[NASA-CASE-ARC-11873-2] c 25 N91-31258
Toughened uni-piece fibrous insulation
[NASA-CASE-ARC-11888-1] c 24 N92-16026
Matching optics for Gaussian beams
[NASA-CASE-ARC-11892-1-SB] c 74 N92-16810
Apparatus for precision focussing and positioning of a beam waist on a target
[NASA-CASE-ARC-11916-1-SB] c 74 N92-16811
Boron-carbon-silicon polymers and ceramic and a process for the production thereof
[NASA-CASE-ARC-11891-2-SB] c 27 N92-34160
Passive zero-gravity leg restraint
[NASA-CASE-ARC-11882-1-CU] c 54 N93-14713
Cooling apparatus and couplings therefor
[NASA-CASE-ARC-11921-1] c 34 N94-20371
Probe shapes that measure time-averaged streamwise momentum and cross-stream turbulence intensity
[NASA-CASE-ARC-11934-1] c 34 N94-23077
Probe systems for measuring static pressure and turbulence intensity in fluid streams
[NASA-CASE-ARC-11935-1] c 34 N94-23306
Output optics for laser velocimeters
[NASA-CASE-ARC-11889-1-SB] c 74 N94-23309
Deployable video conference table
[NASA-CASE-ARC-11950-1] c 09 N94-23310
Ceramic silicon-boron-carbon fibers from organic silicon-boron-polymers
[NASA-CASE-ARC-11956-1-SB] c 27 N94-23311
Head related transfer function pseudo-stereophony
[NASA-CASE-ARC-11919-1-NP] c 71 N94-23312
System for improving measurement accuracy of transducer by measuring transducer temperature and resistance change using thermoelectric voltages
[NASA-CASE-ARC-12014-1] c 35 N94-29361
Boundary layer control device for duct silencers
[NASA-CASE-ARC-12030-1] c 71 N94-29362
Improved in-flow acoustic sensor
[NASA-CASE-ARC-12001-1] c 71 N94-29363
Multi-channel spatialization systems for audio signals
[NASA-CASE-ARC-12013-1-CU] c 32 N94-29364
Image-adapted visually weighted quantization matrices for digital image compression
[NASA-CASE-ARC-12015-1] c 60 N94-29375
Composite flexible blanket insulation
[NASA-CASE-ARC-11955-1-CU] c 24 N94-29509

National Aeronautics and Space Administration. Electronics Research Center, Cambridge, MA.

Method and apparatus for wavelength tuning of liquid lasers
[NASA-CASE-ERC-10187] c 16 N69-31343
A method for the deposition of beta-silicon carbide by isoepitaxy
[NASA-CASE-ERC-10120] c 26 N69-33482
Full flow with shut off and selective drainage control valve Patent application
[NASA-CASE-ERC-10208] c 15 N70-10867
A method for selective gold diffusion of monolithic silicon devices and/or circuits Patent application
[NASA-CASE-ERC-10072] c 09 N70-11148
Method and means for an improved electron beam scanning system Patent
[NASA-CASE-ERC-10552] c 09 N71-12539
Apparatus and method for separating a semiconductor wafer Patent
[NASA-CASE-ERC-10138] c 26 N71-14354
Focused image holography with extended sources Patent
[NASA-CASE-ERC-10019] c 16 N71-15551
Recording and reconstructing focused image holograms Patent
[NASA-CASE-ERC-10017] c 16 N71-15567
Sorption vacuum trap Patent
[NASA-CASE-XER-09519] c 14 N71-18483
Voltage tunable Gunn-type microwave generator Patent
[NASA-CASE-XER-07894] c 09 N71-18721
Array phasing device Patent
[NASA-CASE-ERC-10046] c 10 N71-18722
Parametric microwave noise generator Patent
[NASA-CASE-XER-11019] c 09 N71-23598
Saturation current protection apparatus for saturable core transformers Patent
[NASA-CASE-ERC-10075] c 09 N71-24800
Repetitively pulsed, wavelength selective laser Patent
[NASA-CASE-ERC-10178] c 16 N71-24832
Optical mirror apparatus Patent
[NASA-CASE-ERC-10001] c 23 N71-24868
Unsaturating saturable core transformer Patent
[NASA-CASE-ERC-10125] c 09 N71-24893
Leak detector wherein a probe is monitored with ultraviolet radiation Patent
[NASA-CASE-ERC-10034] c 15 N71-24896
Method for detecting leaks in hermetically sealed containers Patent
[NASA-CASE-ERC-10045] c 15 N71-24910
Satellite aided vehicle avoidance system Patent
[NASA-CASE-ERC-10090] c 21 N71-24948
Transverse piezoresistance and pinch effect electromechanical transducers Patent
[NASA-CASE-ERC-10088] c 26 N71-25490
A solid state acoustic variable time delay line Patent
[NASA-CASE-ERC-10032] c 10 N71-25900
Method and means for recording and reconstructing holograms without use of a reference beam Patent
[NASA-CASE-ERC-10020] c 16 N71-26154
Electromechanical control actuator system Patent
[NASA-CASE-ERC-10022] c 15 N71-26635
Method and apparatus for detecting gross leaks Patent
[NASA-CASE-ERC-10033] c 14 N71-26672
Field ionization electrodes Patent
[NASA-CASE-ERC-10013] c 09 N71-26678
Voltage regulator Patent
[NASA-CASE-ERC-10113] c 09 N71-27053
A multichannel photoionization chamber for absorption analysis Patent
[NASA-CASE-ERC-10044-1] c 14 N71-27090
Pressure sensitive transducers Patent
[NASA-CASE-ERC-10087] c 14 N71-27334
Constant frequency output two stage induction machine systems Patent
[NASA-CASE-ERC-10065] c 09 N71-27364
Fluid power transmitting gas bearing Patent
[NASA-CASE-ERC-10097] c 15 N71-28465
Color television systems using a single gun color cathode ray tube Patent
[NASA-CASE-ERC-10098] c 09 N71-28618
Ion microprobe mass spectrometer for analyzing fluid materials Patent
[NASA-CASE-ERC-10014] c 14 N71-28863
Orifice gross leak tester Patent
[NASA-CASE-ERC-10150] c 14 N71-28992
Device for measuring light scattering wherein the measuring beam is successively reflected between a pair of parallel reflectors Patent
[NASA-CASE-XER-11203] c 14 N71-28994
Quasi-optical microwave component Patent
[NASA-CASE-ERC-10011] c 07 N71-29065
Multiple hologram recording and readout system Patent
[NASA-CASE-ERC-10151] c 16 N71-29131
Plasma fluidic hybrid display Patent
[NASA-CASE-ERC-10100] c 09 N71-33519
Optical systems having spatially invariant outputs
[NASA-CASE-ERC-10248] c 14 N72-17323
Method of detecting impending saturation of magnetic cores
[NASA-CASE-ERC-10089] c 23 N72-17747
Logarithmic function generator utilizing an exponentially varying signal in an inverse manner
[NASA-CASE-ERC-10267] c 09 N72-23173
Method and apparatus for limiting field emission current
[NASA-CASE-ERC-10015-2] c 10 N72-27246

National Aeronautics and Space Administration. Flight Research Center, Edwards, CA.

Rocket chamber leak test fixture
[NASA-CASE-XFR-09479] c 14 N69-27503
Three axis controller Patent
[NASA-CASE-XFR-00181] c 21 N70-33279
Catalyst bed removing tool Patent
[NASA-CASE-XFR-00811] c 15 N70-36901
Two-axis controller Patent
[NASA-CASE-XFR-04104] c 03 N70-42073
Controlled visibility device for an aircraft Patent
[NASA-CASE-XFR-04147] c 11 N71-10748
Biomedical electrode arrangement Patent
[NASA-CASE-XFR-10856] c 05 N71-11189
Lifting body Patent Application
[NASA-CASE-FRC-10063] c 01 N71-12217
Energy management system for glider type vehicle Patent
[NASA-CASE-XFR-00756] c 02 N71-13421
Quick attach mechanism Patent
[NASA-CASE-XFR-05421] c 15 N71-22994
Heat flux measuring system Patent
[NASA-CASE-XFR-03802] c 33 N71-23085
Threadless fastener apparatus Patent
[NASA-CASE-XFR-05302] c 15 N71-23254
Traversing probe Patent
[NASA-CASE-XFR-02007] c 12 N71-24692
Layout tool Patent
[NASA-CASE-FRC-10005] c 15 N71-26145
Pulsed excitation voltage circuit for transducers
[NASA-CASE-FRC-10036] c 09 N72-22200
Acoustical transducer calibrating system and apparatus
[NASA-CASE-FRC-10060-1] c 14 N73-27379
Three-axis adjustable loading structure
[NASA-CASE-FRC-10051-1] c 35 N74-13129
Terminal guidance system
[NASA-CASE-FRC-10049-1] c 04 N74-13420
Full wave modulator-demodulator amplifier apparatus
[NASA-CASE-FRC-10072-1] c 33 N74-14939
Rotating raster generator
[NASA-CASE-FRC-10071-1] c 32 N74-20813
Inflatable device for installing strain gage bridges
[NASA-CASE-FRC-11068-1] c 35 N84-12443

National Aeronautics and Space Administration. Goddard Inst. for Space Studies, New York, NY.

Application of luciferase assay for ATP to antimicrobial drug susceptibility
[NASA-CASE-GSC-12039-1] c 51 N77-22794
Method for fabricating a mass spectrometer inlet leak
[NASA-CASE-GSC-12077-1] c 35 N77-24455
Length controlled stabilized mode-lock ND:YAG laser
[NASA-CASE-GSC-11571-1] c 36 N77-25499
Three phase full wave dc motor decoder
[NASA-CASE-GSC-11824-1] c 33 N77-26386
Gregorian all-reflective optical system
[NASA-CASE-GSC-12058-1] c 74 N77-26942
Opto-mechanical subsystem with temperature compensation through isothermal design
[NASA-CASE-GSC-12059-1] c 35 N77-27366
Controlled caging and uncaging mechanism
[NASA-CASE-GSC-11063-1] c 37 N77-27400
Wideband heterodyne receiver for laser communication system
[NASA-CASE-GSC-12053-1] c 32 N77-28346
Method and apparatus for producing an image from a transparent object
[NASA-CASE-GSC-11989-1] c 74 N77-28932
Pseudo noise code and data transmission method and apparatus
[NASA-CASE-GSC-12017-1] c 32 N77-30308
Speech analyzer
[NASA-CASE-GSC-11898-1] c 32 N77-30309
Automatic transponder
[NASA-CASE-GSC-12075-1] c 32 N77-31350
Method of treating the surface of a glass member
[NASA-CASE-GSC-12110-1] c 27 N77-32308
Flat-plate heat pipe
[NASA-CASE-GSC-11998-1] c 34 N77-32413
Fluid sampling device
[NASA-CASE-GSC-12143-1] c 35 N77-32456
Analog to digital converter for two-dimensional radiant energy array computers
[NASA-CASE-GSC-11839-3] c 60 N77-32731
Remote sensing of vegetation and soil using microwave ellipsometry
[NASA-CASE-GSC-11976-1] c 43 N78-10529
Memory device for two-dimensional radiant energy array computers
[NASA-CASE-GSC-11839-2] c 60 N78-10709

National Aeronautics and Space Administration. Goddard Space Flight Center, Greenbelt, MD.

Regulated dc to dc converter
[NASA-CASE-XGS-03429] c 03 N69-21330
Apparatus for measuring swelling characteristics of membranes
[NASA-CASE-XGS-03865] c 14 N69-21363
Tumbler system to provide random motion
[NASA-CASE-XGS-02437] c 15 N69-21472
Automatic acquisition system for phase-lock loop
[NASA-CASE-XGS-04994] c 09 N69-21543
Low power drain semi-conductor circuit
[NASA-CASE-XGS-04999] c 09 N69-24317
Spacecraft battery seals
[NASA-CASE-XGS-03864] c 15 N69-24320
Scanning aspect sensor employing an apertured disc and a commutator
[NASA-CASE-XGS-08266] c 14 N69-27432
Monopulse system with an electronic scanner
[NASA-CASE-XGS-05582] c 07 N69-27460

Ring counter
[NASA-CASE-XGS-03095] c 09 N69-27463
Retrodirective optical system
[NASA-CASE-XGS-04480] c 16 N69-27491
Time division multiplex system
[NASA-CASE-XGS-05918] c 07 N69-39974
Doppler frequency spread correction device for multiplex transmissions
[NASA-CASE-XGS-02749] c 07 N69-39978
Alkali-metal silicate protective coating
[NASA-CASE-XGS-04119] c 18 N69-39979
Device for measuring electron-beam intensities and for subjecting materials to electron irradiation in an electron microscope
[NASA-CASE-XGS-01725] c 14 N69-39982
Light sensitive digital aspect sensor Patent
[NASA-CASE-XGS-00359] c 14 N70-34158
Method and apparatus for determining satellite orientation utilizing spatial energy sources Patent
[NASA-CASE-XGS-00466] c 21 N70-34297
Binary magnetic memory device Patent
[NASA-CASE-XGS-00174] c 08 N70-34743
Full binary adder Patent
[NASA-CASE-XGS-00689] c 08 N70-34787
Ultra-long monostable multivibrator employing bistable semiconductor switch to allow charging of timing circuit Patent
[NASA-CASE-XGS-00381] c 09 N70-34819
Space and atmospheric reentry vehicle Patent
[NASA-CASE-XGS-00260] c 31 N70-37924
Variable frequency magnetic multivibrator Patent
[NASA-CASE-XGS-00458] c 09 N70-38604
Switching mechanism with energy storage means Patent
[NASA-CASE-XGS-00473] c 03 N70-38713
Variable frequency magnetic multivibrator Patent
[NASA-CASE-XGS-00131] c 09 N70-38995
Stretch de-spin mechanism Patent
[NASA-CASE-XGS-00619] c 30 N70-40016
Folding boom assembly Patent
[NASA-CASE-XGS-00938] c 32 N70-41367
Cryogenic connector for vacuum use Patent
[NASA-CASE-XGS-02441] c 15 N70-41629
Endless tape cartridge Patent
[NASA-CASE-XGS-00769] c 14 N70-41647
Apparatus for producing three-dimensional recordings of flourescence spectra Patent
[NASA-CASE-XGS-01231] c 14 N70-41676
Method and apparatus for determining electromagnetic characteristics of large surface area passive reflectors Patent
[NASA-CASE-XGS-02608] c 07 N70-41678
Prevention of pressure build-up in electrochemical cells Patent
[NASA-CASE-XGS-01419] c 03 N70-41864
Variable time constant smoothing circuit Patent
[NASA-CASE-XGS-01983] c 10 N70-41964
Endless tape transport mechanism Patent
[NASA-CASE-XGS-01223] c 07 N71-10609
Reversible ring counter employing cascaded single SCR stages Patent
[NASA-CASE-XGS-01473] c 09 N71-10673
Electronic beam switching commutator Patent
[NASA-CASE-XGS-01451] c 09 N71-10677
Sun tracker with rotatable plane-parallel plate and two photocells Patent
[NASA-CASE-XGS-01159] c 21 N71-10678
Non-magnetic battery case Patent
[NASA-CASE-XGS-00886] c 03 N71-11053
Interconnection of solar cells Patent
[NASA-CASE-XGS-01475] c 03 N71-11058
Frequency shift keyed demodulator Patent
[NASA-CASE-XGS-02889] c 07 N71-11282
Bi-polar phase detector and corrector for split phase PCM data signals Patent
[NASA-CASE-XGS-01590] c 07 N71-12392
Data processor having multiple sections activated at different times by selective power coupling to the sections Patent
[NASA-CASE-XGS-04767] c 08 N71-12494
Position location system and method Patent
[NASA-CASE-GSC-10087-2] c 21 N71-13958
Fire resistant coating composition Patent
[NASA-CASE-GSC-10072] c 18 N71-14014
Passively regulated water electrolysis rocket engine Patent
[NASA-CASE-XGS-08729] c 28 N71-14044
Attitude control system Patent
[NASA-CASE-XGS-04393] c 21 N71-14159
Retrodirective modulator Patent
[NASA-CASE-GSC-10062] c 14 N71-15605
Spacecraft attitude detection system by stellar reference Patent
[NASA-CASE-XGS-03431] c 21 N71-15642
Cartwheel satellite synchronization system Patent
[NASA-CASE-XGS-05579] c 31 N71-15676
Wide range linear fluxgate magnetometer Patent
[NASA-CASE-XGS-01587] c 14 N71-15962
Low friction magnetic recording tape Patent
[NASA-CASE-XGS-00373] c 23 N71-15978
Method for etching copper Patent
[NASA-CASE-XGS-06306] c 17 N71-16044
Bacteriostatic conformal coating and methods of application Patent
[NASA-CASE-GSC-10007] c 18 N71-16046
Serrodyne frequency converter re-entrant amplifier system Patent
[NASA-CASE-XGS-01022] c 07 N71-16088
Position location and data collection system and method Patent
[NASA-CASE-GSC-10083-1] c 30 N71-16090
Position sensing device employing misaligned magnetic field generating and detecting apparatus Patent
[NASA-CASE-XGS-07514] c 23 N71-16099
Optical tracker having overlapping reticles on parallel axes Patent
[NASA-CASE-XGS-05715] c 23 N71-16100
Self-erecting reflector Patent
[NASA-CASE-XGS-09190] c 31 N71-16102
Dust particle injector for hypervelocity accelerators Patent
[NASA-CASE-XGS-06628] c 24 N71-16213
Ellipsoidal mirror reflectometer including means for averaging the radiation reflected from the sample Patent
[NASA-CASE-XGS-05291] c 23 N71-16341
Angular position and velocity sensing apparatus Patent
[NASA-CASE-XGS-05680] c 14 N71-17585
Apparatus for controlling the velocity of an electromechanical drive for interferometers and the like Patent
[NASA-CASE-XGS-03532] c 14 N71-17627
Omni-directional anisotropic molecular trap Patent
[NASA-CASE-XGS-00783] c 30 N71-17788
Method of making tubes Patent
[NASA-CASE-XGS-04175] c 15 N71-18579
Pulse-type magnetic core memory element circuit with blocking oscillator feedback Patent
[NASA-CASE-XGS-03303] c 08 N71-18595
Ripple add and ripple subtract binary counters Patent
[NASA-CASE-XGS-04766] c 08 N71-18602
Computing apparatus Patent
[NASA-CASE-XGS-04765] c 08 N71-18693
Stepping motor control circuit Patent
[NASA-CASE-GSC-10366-1] c 10 N71-18772
Traffic control system and method Patent
[NASA-CASE-GSC-10087-1] c 02 N71-19287
Apparatus for measuring current flow Patent
[NASA-CASE-XGS-02439] c 14 N71-19431
Synchronous counter Patent
[NASA-CASE-XGS-02440] c 08 N71-19432
Wide range data compression system Patent
[NASA-CASE-XGS-02612] c 08 N71-19435
Apparatus for computing square roots Patent
[NASA-CASE-XGS-04768] c 08 N71-19437
Method and apparatus for battery charge control Patent
[NASA-CASE-XGS-05432] c 03 N71-19438
Stable amplifier having a stable quiescent point Patent
[NASA-CASE-XGS-02812] c 09 N71-19466
Tracking antenna system Patent
[NASA-CASE-GSC-10553-1] c 07 N71-19854
Electrochemical coulometer and method of forming same Patent
[NASA-CASE-XGS-05434] c 03 N71-20491
Display for binary characters Patent
[NASA-CASE-XGS-04987] c 08 N71-20571
Amplifier clamping circuit for horizon scanner Patent
[NASA-CASE-XGS-01784] c 10 N71-20782
Diversity receiving system with diversity phase lock Patent
[NASA-CASE-XGS-01222] c 10 N71-20841
Signal detection and tracking apparatus Patent
[NASA-CASE-XGS-03502] c 10 N71-20852
Polarization diversity monopulse tracking receiver Patent
[NASA-CASE-XGS-03501] c 09 N71-20864
System for recording and reproducing pulse code modulated data Patent
[NASA-CASE-XGS-01021] c 08 N71-21042
Satellite appendage tie down cord Patent
[NASA-CASE-XGS-02554] c 31 N71-21064
Reaction wheel scanner Patent
[NASA-CASE-XGS-02629] c 14 N71-21082
Nonmagnetic, explosive actuated indexing device Patent
[NASA-CASE-XGS-02422] c 15 N71-21529
Bidirectional step torque filter with zero backlash characteristic Patent
[NASA-CASE-XGS-04227] c 15 N71-21744
Conforming polisher for aspheric surface of revolution Patent
[NASA-CASE-XGS-02884] c 15 N71-22705
Precision thrust gage Patent
[NASA-CASE-XGS-02319] c 14 N71-22965
Sealing device for an electrochemical cell Patent
[NASA-CASE-XGS-02630] c 03 N71-22974
Rotary bead dropper and selector for testing micrometeorite detectors Patent
[NASA-CASE-XGS-03304] c 09 N71-22988
Moment of inertia test fixture Patent
[NASA-CASE-XGS-01023] c 14 N71-22992
Fluid flow meter with comparator reference means Patent
[NASA-CASE-XGS-01331] c 14 N71-22996
Foamed in place ceramic refractory insulating material Patent
[NASA-CASE-XGS-02435] c 18 N71-22998
Digital telemetry system Patent
[NASA-CASE-XGS-01812] c 07 N71-23001
Bonded elastomeric seal for electrochemical cells Patent
[NASA-CASE-XGS-02631] c 03 N71-23006
Apparatus providing a directive field pattern and attitude sensing of a spin stabilized satellite Patent
[NASA-CASE-XGS-02607] c 31 N71-23009
Complementary regenerative switch Patent
[NASA-CASE-XGS-02751] c 09 N71-23015
Solid state pulse generator with constant output width, for variable input width, in nanosecond range Patent
[NASA-CASE-XGS-03427] c 10 N71-23029
Sidereal frequency generator Patent
[NASA-CASE-XGS-02610] c 14 N71-23174
Solar cell and circuit array and process for nullifying magnetic fields Patent
[NASA-CASE-XGS-03390] c 03 N71-23187
Passive synchronized spike generator with high input impedance and low output impedance and capacitor power supply Patent
[NASA-CASE-XGS-03632] c 09 N71-23311
Sealed electrochemical cell provided with a flexible casing Patent
[NASA-CASE-XGS-01513] c 03 N71-23336
Digitally controlled frequency synthesizer Patent
[NASA-CASE-XGS-02317] c 09 N71-23525
Radio frequency coaxial high pass filter Patent
[NASA-CASE-XGS-01418] c 09 N71-23573
Apparatus for phase stability determination Patent
[NASA-CASE-XGS-01118] c 10 N71-23662
Tape recorder Patent
[NASA-CASE-XGS-08259] c 14 N71-23698
Balance torquemeter Patent
[NASA-CASE-XGS-01013] c 14 N71-23725
Mechanical actuator Patent
[NASA-CASE-XGS-04548] c 15 N71-24045
Selective plating of etched circuits without removing previous plating Patent
[NASA-CASE-XGS-03120] c 15 N71-24047
Alkali metal silicate protective coating Patent
[NASA-CASE-XGS-04799] c 18 N71-24183
Strain gauge measuring techniques Patent
[NASA-CASE-XGS-04478] c 14 N71-24233
Electromagnetic polarization systems and methods Patent
[NASA-CASE-GSC-10021-1] c 09 N71-24595
Redundant actuating mechanism Patent
[NASA-CASE-XGS-08718] c 15 N71-24600
Satellite communication system and method Patent
[NASA-CASE-GSC-10118-1] c 07 N71-24621
Programmable telemetry system Patent
[NASA-CASE-GSC-10131-1] c 07 N71-24624
Coulometer and third electrode battery charging circuit Patent
[NASA-CASE-GSC-10487-1] c 03 N71-24719
Electronic scanning of 2-channel monopulse patterns Patent
[NASA-CASE-GSC-10299-1] c 09 N71-24804
Annular slit colloid thrustor Patent
[NASA-CASE-GSC-10709-1] c 28 N71-25213
Voltage to frequency converter Patent
[NASA-CASE-GSC-10022-1] c 10 N71-25882
Direct current motor with stationary armature and field Patent
[NASA-CASE-XGS-05290] c 09 N71-25999
Buck boost voltage regulation circuit Patent
[NASA-CASE-GSC-10735-1] c 10 N71-26085
Adaptive system and method for signal generation Patent
[NASA-CASE-GSC-11367] c 10 N71-26374
Control apparatus for applying pulses of selectively predetermined duration to a sequence of loads Patent
[NASA-CASE-XGS-04224] c 10 N71-26418
Turn on transient limiter Patent
[NASA-CASE-GSC-10413] c 10 N71-26531

Voltage regulator with plural parallel power source sections Patent
[NASA-CASE-GSC-10891-1] c 10 N71-26626
Method for generating ultra-precise angles Patent
[NASA-CASE-XGS-04173] c 19 N71-26674
Resettable monostable pulse generator Patent
[NASA-CASE-GSC-11139] c 09 N71-27016
Micro-pound extended range thrust stand Patent
[NASA-CASE-GSC-10710-1] c 28 N71-27094
Synchronous dc direct drive system Patent
[NASA-CASE-GSC-10065-1] c 10 N71-27136
Antenna array at focal plane of reflector with coupling network for beam switching Patent
[NASA-CASE-GSC-10220-1] c 07 N71-27233
Gravity gradient attitude control system Patent
[NASA-CASE-GSC-10555-1] c 21 N71-27324
Segmented superconducting magnet for a broadband traveling wave maser Patent
[NASA-CASE-XGS-10518] c 16 N71-28554
Millimeter wave antenna system Patent Application
[NASA-CASE-GSC-10949-1] c 07 N71-28965
Sampled data controller Patent
[NASA-CASE-GSC-10554-1] c 08 N71-29033
Variable digital processor including a register for shifting and rotating bits in either direction Patent
[NASA-CASE-GSC-10186] c 08 N71-33110
Combustion products generating and metering device
[NASA-CASE-GSC-11095-1] c 14 N72-10375
Analog spatial maneuver computer
[NASA-CASE-GSC-10880-1] c 08 N72-11172
Helical recorder arrangement for multiple channel recording on both sides of the tape
[NASA-CASE-GSC-10614-1] c 09 N72-11224
Method and apparatus for eliminating coherent noise in a coherent energy imaging system without destroying spatial coherence
[NASA-CASE-GSC-11133-1] c 23 N72-11568
Position location system and method
[NASA-CASE-GSC-10087-3] c 07 N72-12080
Facsimile video remodulation network
[NASA-CASE-GSC-10185-1] c 07 N72-12081
Frangible electrochemical cell
[NASA-CASE-XGS-10010] c 03 N72-15986
Caterpillar micro positioner
[NASA-CASE-GSC-10780-1] c 14 N72-16283
Minimech self-deploying boom mechanism
[NASA-CASE-GSC-10566-1] c 15 N72-18477
Heated porous plug microthrustor
[NASA-CASE-GSC-10640-1] c 28 N72-18766
Optimum performance spacecraft solar cell system
[NASA-CASE-GSC-10669-1] c 03 N72-20031
Monostable multivibrator
[NASA-CASE-GSC-10082-1] c 10 N72-20221
Roll alignment detector
[NASA-CASE-GSC-10514-1] c 14 N72-20379
Cosmic dust sensor
[NASA-CASE-GSC-10503-1] c 14 N72-20381
Solenoid valve including guide for armature and valve member
[NASA-CASE-GSC-10607-1] c 15 N72-20442
Fast response low power drain logic circuits
[NASA-CASE-GSC-10878-1] c 10 N72-22236
Trap for preventing diffusion pump backstreaming
[NASA-CASE-GSC-10518-1] c 15 N72-22489
Resistance soldering apparatus
[NASA-CASE-GSC-10913] c 15 N72-22491
Optical system support apparatus
[NASA-CASE-XER-07896-2] c 23 N72-22673
SCR lamp driver
[NASA-CASE-GSC-10221-1] c 09 N72-23171
Potassium silicate zinc coatings
[NASA-CASE-GSC-10361-1] c 18 N72-23581
Synchronous orbit battery cycler
[NASA-CASE-GSC-11211-1] c 03 N72-25020
Flavin coenzyme assay
[NASA-CASE-GSC-10565-1] c 06 N72-25149
Location identification system
[NASA-CASE-ERC-10324] c 07 N72-25173
A dc to ac to dc converter having transistor synchronous rectifiers
[NASA-CASE-GSC-11126-1] c 09 N72-25253
Tungsten contacts on silicon substrates
[NASA-CASE-GSC-10695-1] c 09 N72-25259
Bacterial contamination monitor
[NASA-CASE-GSC-10879-1] c 14 N72-25413
Honeycomb panels formed of minimal surface periodic tubule layers
[NASA-CASE-ERC-10364] c 18 N72-25540
Honeycomb core structures of minimal surface tubule sections
[NASA-CASE-ERC-10363] c 18 N72-25541
Gunn-type solid state devices
[NASA-CASE-XER-07895] c 26 N72-25679
Use of unilluminated solar cells as shunt diodes for a solar array
[NASA-CASE-GSC-10344-1] c 03 N72-27053
Active tuned circuit
[NASA-CASE-GSC-11340-1] c 10 N72-33230
Electric motive machine including magnetic bearing
[NASA-CASE-XGS-07805] c 15 N72-33476
Cosmic dust or other similar outer space particles impact location detector
[NASA-CASE-GSC-11291-1] c 25 N72-33696
Method and apparatus for determining the contents of contained gas samples
[NASA-CASE-GSC-10903-1] c 14 N73-12444
System for stabilizing torque between a balloon and gondola
[NASA-CASE-GSC-11077-1] c 02 N73-13008
Diffuse reflective coating
[NASA-CASE-GSC-11214-1] c 06 N73-13128
Data processor with conditionally supplied clock signals
[NASA-CASE-GSC-10975-1] c 08 N73-13187
Apparatus for vibrational testing of articles
[NASA-CASE-GSC-11302-1] c 14 N73-13416
Method and system for ejecting fairing sections from a rocket vehicle
[NASA-CASE-GSC-10590-1] c 31 N73-14853
Plural beam antenna
[NASA-CASE-GSC-11013-1] c 09 N73-19234
Star tracking reticles and process for the production thereof
[NASA-CASE-GSC-11188-2] c 21 N73-19630
Delayed simultaneous release mechanism
[NASA-CASE-GSC-10814-1] c 03 N73-20039
Doppler compensation by shifting transmitted object frequency within limits
[NASA-CASE-GSC-10087-4] c 07 N73-20174
Signal-to-noise ratio determination circuit
[NASA-CASE-GSC-11239-1] c 10 N73-25241
Nutation damper
[NASA-CASE-GSC-11205-1] c 15 N73-25513
Low outgassing polydimethylsiloxane material and preparation thereof
[NASA-CASE-GSC-11358-1] c 06 N73-26100
Method of detecting and counting bacteria in body fluids
[NASA-CASE-GSC-11092-2] c 04 N73-27052
Protein sterilization method of firefly luciferase using reduced pressure and molecular sieves
[NASA-CASE-GSC-10225-1] c 06 N73-27086
Process for making RF shielded cable connector assemblies and the products formed thereby
[NASA-CASE-GSC-11215-1] c 09 N73-28083
Device for determining relative angular position between a spacecraft and a radiation emitting celestial body
[NASA-CASE-GSC-11444-1] c 14 N73-28490
Fastener stretcher
[NASA-CASE-GSC-11149-1] c 15 N73-30457
Spacecraft attitude sensor
[NASA-CASE-GSC-10890-1] c 21 N73-30640
Automatic instrument for chemical processing to detect microorganism in biological samples by measuring light reactions
[NASA-CASE-GSC-11169-2] c 05 N73-32011
Star tracking reticles
[NASA-CASE-GSC-11188-1] c 14 N73-32320
Peen plating
[NASA-CASE-GSC-11163-1] c 15 N73-32360
Recorder/processor apparatus
[NASA-CASE-GSC-11553-1] c 35 N74-15831
Method of making porous conductive supports for electrodes
[NASA-CASE-GSC-11367-1] c 44 N74-19692
Formation of star tracking reticles
[NASA-CASE-GSC-11188-3] c 74 N74-20008
Radiation hardening of MOS devices by boron
[NASA-CASE-GSC-11425-1] c 76 N74-20329
Amplitude steered array
[NASA-CASE-GSC-11446-1] c 33 N74-20860
Rotary solenoid shutter drive assembly and rotary inertia damper and stop plate assembly
[NASA-CASE-GSC-11560-1] c 33 N74-20861
Ultra-stable oscillator with complementary transistors
[NASA-CASE-GSC-11513-1] c 33 N74-20862
High efficiency multifrequency feed
[NASA-CASE-GSC-11909] c 32 N74-20863
Turnstile slot antenna
[NASA-CASE-GSC-11428-1] c 32 N74-20864
Method and apparatus for checking fire detectors
[NASA-CASE-GSC-11600-1] c 35 N74-21019
Long range laser traversing system
[NASA-CASE-GSC-11262-1] c 36 N74-21091
Method and apparatus for optically monitoring the angular position of a rotating mirror
[NASA-CASE-GSC-11353-1] c 74 N74-21304
Image tube
[NASA-CASE-GSC-11602-1] c 33 N74-21850
Apparatus for controlling the temperature of balloon-borne equipment
[NASA-CASE-GSC-11620-1] c 34 N74-23039
Coaxial anode wire for gas radiation counters
[NASA-CASE-GSC-11492-1] c 35 N74-26949
Arterial pulse wave pressure transducer
[NASA-CASE-GSC-11531-1] c 52 N74-27566
Heat flow calorimeter
[NASA-CASE-GSC-11434-1] c 34 N74-27859
Air conditioning system and component therefore distributing air flow from opposite directions
[NASA-CASE-GSC-11445-1] c 31 N74-27902
Passive dual spin misalignment compensators
[NASA-CASE-GSC-11479-1] c 35 N74-28097
Star scanner
[NASA-CASE-GSC-11569-1] c 89 N74-30886
Millimeter wave pumped parametric amplifier
[NASA-CASE-GSC-11617-1] c 33 N74-32660
Structural heat pipe
[NASA-CASE-GSC-11619-1] c 34 N75-12222
Remote platform power conserving system
[NASA-CASE-GSC-11182-1] c 15 N75-13007
Bonding of sapphire to sapphire by eutectic mixture of aluminum oxide and zirconium oxide
[NASA-CASE-GSC-11577-1] c 37 N75-15992
Magnetic bearing
[NASA-CASE-GSC-11079-1] c 37 N75-18574
Dish antenna having switchable beamwidth
[NASA-CASE-GSC-11760-1] c 33 N75-19516
X-Y alphanumeric character generator for oscilloscopes
[NASA-CASE-GSC-11582-1] c 33 N75-19517
Controllable high voltage source having fast settling time
[NASA-CASE-GSC-11844-1] c 33 N75-19522
Dually mode locked Nd:YAG laser
[NASA-CASE-GSC-11746-1] c 36 N75-19654
Self-regulating proportionally controlled heating apparatus and technique
[NASA-CASE-GSC-11752-1] c 77 N75-20140
Low speed phaselock speed control system
[NASA-CASE-GSC-11127-1] c 09 N75-24758
Modulator for tone and binary signals
[NASA-CASE-GSC-11743-1] c 32 N75-24981
Digital phase-locked loop
[NASA-CASE-GSC-11623-1] c 33 N75-25040
Radiation hardening of MOS devices by boron
[NASA-CASE-GSC-11425-2] c 76 N75-25730
Correlation type phase detector
[NASA-CASE-GSC-11744-1] c 33 N75-26243
Process for making sheets with parallel pores of uniform size
[NASA-CASE-GSC-10984-1] c 37 N75-26371
Impact position detector for outer space particles
[NASA-CASE-GSC-11829-1] c 35 N75-27331
Single frequency, two feed dish antenna having switchable beamwidth
[NASA-CASE-GSC-11968-1] c 32 N76-15329
Micrometeoroid velocity and trajectory analyzer
[NASA-CASE-GSC-11892-1] c 35 N76-15433
Atomic standard with variable storage volume
[NASA-CASE-GSC-11895-1] c 35 N76-15436
High voltage distributor
[NASA-CASE-GSC-11849-1] c 33 N76-16332
Moving particle composition analyzer
[NASA-CASE-GSC-11889-1] c 35 N76-16393
Variable beamwidth antenna
[NASA-CASE-GSC-11862-1] c 32 N76-18295
Automatic character skew and spacing checking network
[NASA-CASE-GSC-11925-1] c 33 N76-18353
Axially and radially controllable magnetic bearing
[NASA-CASE-GSC-11551-1] c 37 N76-18459
Apparatus for simulating optical transmission links
[NASA-CASE-GSC-11877-1] c 74 N76-18913
Telemetry synchronizer
[NASA-CASE-GSC-11868-1] c 17 N76-22245
Locking mechanism for orthopedic braces
[NASA-CASE-GSC-12082-1] c 54 N76-22914
Ultraviolet light reflective coating
[NASA-CASE-GSC-11786-1] c 24 N76-24363
Switchable beamwidth monopulse method and system
[NASA-CASE-GSC-11924-1] c 33 N76-27472
Fabrication of polycrystalline solar cells on low-cost substrates
[NASA-CASE-GSC-12022-1] c 44 N76-28635
Method of detecting and counting bacteria
[NASA-CASE-GSC-11917-2] c 51 N76-29891
Polarization compensator for optical communications
[NASA-CASE-GSC-11782-1] c 74 N76-30053
Static coefficient test method and apparatus
[NASA-CASE-GSC-11893-1] c 35 N76-31489
Digital plus analog output encoder
[NASA-CASE-GSC-12115-1] c 62 N76-31946
Method and apparatus for neutralizing potentials induced on spacecraft surfaces
[NASA-CASE-GSC-11963-1] c 33 N77-10429
Inrush current limiter
[NASA-CASE-GSC-11789-1] c 33 N77-14333

Linear phase demodulator including a phase locked loop with auxiliary feedback loop
[NASA-CASE-GSC-12018-1] c 33 N77-14334
Reel safety brake
[NASA-CASE-GSC-11960-1] c 37 N77-14479
Two-dimensional radiant energy array computers and computing devices
[NASA-CASE-GSC-11839-1] c 60 N77-14751
Magnetic bearing system
[NASA-CASE-GSC-11978-1] c 37 N77-17464
Method and apparatus for measuring web material wound on a reel
[NASA-CASE-GSC-11902-1] c 38 N77-17495
Cyclical bi-directional rotary actuator
[NASA-CASE-GSC-11883-1] c 37 N77-19458
The 2 deg/90 deg laboratory scattering photometer
[NASA-CASE-GSC-12088-1] c 74 N78-13874
Transformer regulated self-stabilizing chopper
[NASA-CASE-XGS-09186] c 33 N78-17295
Shunt regulation electric power system
[NASA-CASE-GSC-10135] c 33 N78-17296
Binary to binary coded decimal converter
[NASA-CASE-GSC-12044-1] c 60 N78-17691
Magnifying image intensifier
[NASA-CASE-GSC-12010-1] c 74 N78-18905
Energy storage apparatus
[NASA-CASE-GSC-12030-1] c 44 N78-24608
Process for utilizing low-cost graphite substrates for polycrystalline solar cells
[NASA-CASE-GSC-12022-2] c 44 N78-24609
Actuator mechanism
[NASA-CASE-GSC-11883-2] c 37 N78-31426
Quadraphase demodulation
[NASA-CASE-GSC-12137-1] c 33 N78-32338
Logarithmic circuit with wide dynamic range
[NASA-CASE-GSC-12145-1] c 33 N78-32339
Wide power range microwave feedback controller
[NASA-CASE-GSC-12146-1] c 33 N78-32340
Method and apparatus for splitting a beam of energy
[NASA-CASE-GSC-12083-1] c 73 N78-32848
Time domain phase measuring apparatus
[NASA-CASE-GSC-12228-1] c 33 N79-10338
System for and method of freezing biological tissue
[NASA-CASE-GSC-12173-1] c 51 N79-10694
Systems and methods for determining radio frequency interference
[NASA-CASE-GSC-12150-1] c 32 N79-11265
Complementary DMOS-VMOS integrated circuit structure
[NASA-CASE-GSC-12190-1] c 33 N79-12321
Electrically conductive thermal control coatings
[NASA-CASE-GSC-12207-1] c 24 N79-14156
External bulb variable volume maser
[NASA-CASE-GSC-12334-1] c 36 N79-14362
Determination of antimicrobial susceptibilities on infected urines without isolation
[NASA-CASE-GSC-12046-1] c 52 N79-14750
Partial polarizer filter
[NASA-CASE-GSC-12225-1] c 74 N79-14891
Thermal compensator for closed-cycle helium refrigerator
[NASA-CASE-GSC-12168-1] c 31 N79-17029
Solar cell module assembly jig
[NASA-CASE-XGS-00829-1] c 44 N79-19447
System for synchronizing synthesizers of communication systems
[NASA-CASE-GSC-12148-1] c 32 N79-20296
Rotary electric device
[NASA-CASE-GSC-12138-1] c 33 N79-20314
Low intensity X-ray and gamma-ray imaging device
[NASA-CASE-GSC-12263-1] c 74 N79-20857
Bonding of sapphire to sapphire by eutectic mixture of aluminum oxide and zirconium oxide
[NASA-CASE-GSC-11577-3] c 24 N79-25143
Microwave dichroic plate
[NASA-CASE-GSC-12171-1] c 33 N79-28416
Shock isolator for operating a diode laser on a closed-cycle refrigerator
[NASA-CASE-GSC-12297-1] c 37 N79-28549
Toggle mechanism for pinching metal tubes
[NASA-CASE-GSC-12274-1] c 37 N79-28550
Alkali-metal silicate binders and methods of manufacture
[NASA-CASE-GSC-12303-1] c 24 N79-31347
Thermal control canister
[NASA-CASE-GSC-12253-1] c 34 N79-31523
Wedge immersed thermistor bolometers
[NASA-CASE-XGS-01245-1] c 35 N79-33449
Bakeable McLeod gauge
[NASA-CASE-XGS-01293-1] c 35 N79-33450
Fluid pressure balanced seal
[NASA-CASE-XGS-01286-1] c 37 N79-33469
Antenna deployment mechanism for use with a spacecraft
[NASA-CASE-GSC-12331-1] c 18 N80-14183
Laser apparatus
[NASA-CASE-GSC-12237-1] c 36 N80-14384
Coupling device for moving vehicles
[NASA-CASE-GSC-12322-1] c 37 N80-14398
Voltage feed through apparatus having reduced partial discharge
[NASA-CASE-GSC-12347-1] c 33 N80-18286
Distributed-switch Dicke radiometers
[NASA-CASE-GSC-12219-1] c 35 N80-18359
Method and apparatus for slicing crystals
[NASA-CASE-GSC-12291-1] c 76 N80-18951
Diffractoid grating configuration for X-ray and ultraviolet focusing
[NASA-CASE-GSC-12357-1] c 74 N80-21140
Active nutation controller
[NASA-CASE-GSC-12273-1] c 35 N80-21719
Method and apparatus for holding two separate metal pieces together for welding
[NASA-CASE-GSC-12318-1] c 37 N80-23655
Method of forming a sharp edge on an optical device
[NASA-CASE-GSC-12348-1] c 74 N80-24149
Scannable beam forming interferometer antenna array system
[NASA-CASE-GSC-12365-1] c 32 N80-28578
Apparatus for supplying conditioned air at a substantially constant temperature and humidity
[NASA-CASE-GSC-12191-1] c 31 N80-32583
Belt for transmitting power from a cogged driving member to a cogged driven member
[NASA-CASE-GSC-12289-1] c 37 N80-32717
System for a displaying at a remote station data generated at a central station and for powering the remote station from the central station
[NASA-CASE-GSC-12411-1] c 33 N81-14221
Device for coupling a first vehicle to a second vehicle
[NASA-CASE-GSC-12429-1] c 37 N81-14320
Safety shield for vacuum/pressure chamber viewing port
[NASA-CASE-GSC-12513-1] c 31 N81-19343
Buck/boost regulator
[NASA-CASE-GSC-12360-1] c 33 N81-19392
Geodetic distance measuring apparatus
[NASA-CASE-GSC-12609-1] c 36 N81-22344
Fluorescent radiation converter
[NASA-CASE-GSC-12528-1] c 74 N81-24900
Portable appliance security apparatus
[NASA-CASE-GSC-12399-1] c 33 N81-25299
Locking mechanism for orthopedic braces
[NASA-CASE-GSC-12082-2] c 52 N81-25661
Method of making V-MOS field effect transistors utilizing a two-step anisotropic etching and ion implantation
[NASA-CASE-GSC-12515-1] c 33 N81-26360
Apparatus and method for determining the position of a radiant energy source
[NASA-CASE-GSC-12147-1] c 32 N81-27341
Interleaving device
[NASA-CASE-GSC-12111-2] c 33 N81-29342
Time delay and integration detectors using charge transfer devices
[NASA-CASE-GSC-12324-1] c 33 N81-33403
Scanner
[NASA-CASE-GSC-12032-2] c 43 N82-13465
Microwave switching power divider
[NASA-CASE-GSC-12420-1] c 33 N82-16340
Laser measuring system for incremental assemblies
[NASA-CASE-GSC-12321-1] c 36 N82-16396
Memory-based frame synchronizer
[NASA-CASE-GSC-12430-1] c 60 N82-16747
Low thrust monopropellant engine
[NASA-CASE-GSC-12194-2] c 20 N82-18314
Cervix-to-rectum measuring device in a radiation applicator for use in the treatment of cervical cancer
[NASA-CASE-GSC-12081-2] c 52 N82-22875
Automatic thermal switch
[NASA-CASE-GSC-12415-1] c 33 N82-24419
Linear magnetic motor/generator
[NASA-CASE-GSC-12518-1] c 33 N82-24421
Non-contacting power transfer device
[NASA-CASE-GSC-12595-1] c 33 N82-24422
Inorganic spark chamber frame and method of making the same
[NASA-CASE-GSC-12354-1] c 35 N82-24471
Process of treating cellulosic membrane and alkaline with membrane separator
[NASA-CASE-GSC-10019-1] c 44 N82-24641
Separator for alkaline batteries and method of making same
[NASA-CASE-GSC-10350-1] c 44 N82-24642
Separator for alkaline electric cells and method of making
[NASA-CASE-GSC-10017-1] c 44 N82-24643
Separator for alkaline electric batteries and method of making
[NASA-CASE-GSC-10018-1] c 44 N82-24644
Alkaline electrochemical cells and method of making
[NASA-CASE-GSC-10349-1] c 44 N82-24645
Aqueous alkali metal hydroxide insoluble cellulose ether membrane
[NASA-CASE-XGS-05584-1] c 25 N82-29370
Implantable electrical device
[NASA-CASE-GSC-12560-1] c 52 N82-29863
Low intensity X-ray and gamma-ray spectrometer
[NASA-CASE-GSC-12587-1] c 35 N82-32659
Crystal cleaving machine
[NASA-CASE-GSC-12584-1] c 37 N82-32730
Multiprism collimator
[NASA-CASE-GSC-12608-1] c 74 N83-10900
Massively parallel processor computer
[NASA-CASE-GSC-12223-1] c 60 N83-25378
Variable speed drive
[NASA-CASE-GSC-12643-1] c 37 N83-26078
Method for milling and drilling glass
[NASA-CASE-GSC-12636-1] c 31 N83-27058
Rapid, quantitative determination of bacteria in water
[NASA-CASE-GSC-12158-1] c 51 N83-27569
Method of damping nutation motion with minimum spin axis attitude disturbance
[NASA-CASE-GSC-12551-1] c 18 N83-28064
Automatic thermal switch
[NASA-CASE-GSC-12553-1] c 34 N83-28356
Cooling by conversion of para to ortho-hydrogen
[NASA-CASE-GSC-12770-1] c 25 N83-29324
Geodetic distance measuring apparatus
[NASA-CASE-GSC-12609-2] c 36 N83-29681
Linear magnetic bearing
[NASA-CASE-GSC-12517-1] c 37 N83-32067
Interferometric angle monitor
[NASA-CASE-GSC-12614-1] c 74 N83-32577
Method of neutralizing the corrosive surface of amine-cured epoxy resins
[NASA-CASE-GSC-12686-1] c 27 N83-34039
Active lamp pulse driver circuit
[NASA-CASE-GSC-12566-1] c 33 N83-34189
High stability amplifier
[NASA-CASE-GSC-12646-1] c 33 N83-34191
Magnetic bearing and motor
[NASA-CASE-GSC-12726-1] c 37 N83-34323
Heat pipe thermal switch
[NASA-CASE-GSC-12812-1] c 34 N83-35307
Focal axis resolver for offset reflector antennas
[NASA-CASE-GSC-12630-1] c 33 N83-36355
High speed multi focal plane optical system
[NASA-CASE-GSC-12683-1] c 74 N83-36898
Real-time 3-D X-ray and gamma-ray viewer
[NASA-CASE-GSC-12640-1] c 74 N84-11920
Holding fixture for a hot stamping press
[NASA-CASE-GSC-12619-1] c 37 N84-12491
Unidirectional flexural pivot
[NASA-CASE-GSC-12622-1] c 37 N84-12492
Tuned analog network
[NASA-CASE-GSC-12650-1] c 33 N84-14421
Thermal control system
[NASA-CASE-GSC-12771-1] c 34 N84-14461
Laser Resonator
[NASA-CASE-GSC-12565-1] c 36 N84-14509
High stability buffered phase comparator
[NASA-CASE-GSC-12645-1] c 33 N84-16454
Navigation system and method
[NASA-CASE-GSC-12508-1] c 04 N84-22546
Low noise tuned amplifier
[NASA-CASE-GSC-12567-1] c 33 N84-22887
Dual aperture multispectral Schmidt objective
[NASA-CASE-GSC-12756-1] c 74 N84-23248
Off-axis coherently pumped laser
[NASA-CASE-GSC-12592-1] c 36 N84-28065
Apparatus for and method of compensating dynamic unbalance
[NASA-CASE-GSC-12550-1] c 37 N84-28082
Workpiece positioning vise
[NASA-CASE-GSC-12762-1] c 37 N84-28083
Memory-based parallel data output controller
[NASA-CASE-GSC-12447-2] c 60 N84-28491
Imaging X-ray spectrometer
[NASA-CASE-GSC-12682-1] c 35 N84-33765
Apparatus for disintegrating kidney stones
[NASA-CASE-GSC-12652-1] c 52 N84-34913
Portable pallet weighing apparatus
[NASA-CASE-GSC-12789-1] c 35 N85-20294
Linear magnetic bearings
[NASA-CASE-GSC-12582-2] c 37 N85-20337
Method and apparatus for mapping the distribution of chemical elements in an extended medium
[NASA-CASE-GSC-12808-1] c 25 N85-21279
Magentically actuated compressor
[NASA-CASE-GSC-12799-1] c 31 N85-21404
Method of and apparatus for measuring temperature and pressure
[NASA-CASE-GSC-12558-1] c 36 N85-21639
Diffusely reflecting paints including polytetrafluoroethylene and method of manufacture
[NASA-CASE-GSC-12883-1] c 27 N85-29044

Reactanceless synthesized impedance bandpass amplifier
[NASA-CASE-GSC-12788-1] c 33 N85-29145
High voltage isolation transformer
[NASA-CASE-GSC-12817-1] c 33 N85-29146
High voltage power supply
[NASA-CASE-GSC-12818-1] c 33 N85-29147
Three-dimensional and tomographic imaging device for X-ray and gamma-ray emitting objects
[NASA-CASE-GSC-12851-1] c 35 N85-30281
JFET reflection oscillator
[NASA-CASE-GSC-12555-1] c 33 N86-19515
Temperature averaging thermal probe
[NASA-CASE-GSC-12795-1] c 35 N86-19580
Cutting head for ultrasonic lithotripsy
[NASA-CASE-GSC-12944-1] c 52 N86-19885
GaAs Schottky barrier photo-responsive device and method of fabrication
[NASA-CASE-GSC-12816-1] c 76 N86-20150
Automatic oscillator frequency control system
[NASA-CASE-GSC-12804-1] c 33 N86-20668
Rotatable electric cable connecting system
[NASA-CASE-GSC-12899-1] c 33 N86-20669
Optical multiple sample vacuum integrating sphere
[NASA-CASE-GSC-12849-1] c 74 N86-26190
Wide-angle flat field telescope
[NASA-CASE-GSC-12825-1] c 74 N86-28732
Multispectral linear array multiband selection device
[NASA-CASE-GSC-12911-1] c 74 N86-29650
Optical distance measuring instrument
[NASA-CASE-GSC-12761-1] c 74 N86-32266
Method of coating a substrate with a rapidly solidified metal
[NASA-CASE-GSC-12880-1] c 26 N86-32550
Temperature sensitive oscillator
[NASA-CASE-GSC-12958-1] c 33 N86-32624
Method of fabricating an imaging X-ray spectrometer
[NASA-CASE-GSC-12956-1] c 35 N87-14671
Radial and torsionally controlled magnetic bearing
[NASA-CASE-GSC-12957-1] c 37 N87-17038
Low phase noise oscillator using two parallel connected amplifiers
[NASA-CASE-GSC-13018-1] c 33 N87-21232
Optical scanner
[NASA-CASE-GSC-12897-1] c 74 N87-21679
Programmable electronic synthesized capacitance
[NASA-CASE-GSC-12961-1] c 33 N87-22895
Reciprocating linear motor
[NASA-CASE-GSC-12773-2] c 33 N87-23904
Integrated photo-responsive metal oxide semiconductor circuit
[NASA-CASE-GSC-12782-1] c 33 N88-14271
Three axis attitude control system
[NASA-CASE-GSC-12970-1] c 08 N88-23808
Cellular thermosetting fluoropolymers and process for making them
[NASA-CASE-GSC-13008-1] c 27 N88-23894
Polymeric heat pipe wick
[NASA-CASE-GSC-13019-1] c 34 N88-29133
Legislated emergency locating transmitters and emergency position indicating radio beacons
[NASA-CASE-GSC-12892-1] c 32 N89-14374
Surface tension confined liquid cryogen cooler
[NASA-CASE-GSC-13112-1] c 31 N89-29578
Cellular thermosetting fluorodiepoxide polymers
[NASA-CASE-GSC-13008-2] c 27 N90-16949
Microwave field effect transistor
[NASA-CASE-GSC-12442-2] c 33 N90-20282
Ceramic heat pipe wick
[NASA-CASE-GSC-13199-1] c 27 N90-23541
Reflection oscillators employing series resonant crystals'
[NASA-CASE-GSC-13173-1] c 33 N90-23635
Method of fabricating germanium and gallium arsenide devices
[NASA-CASE-GSC-13265-1] c 76 N91-14066
Digitized synchronous demodulator
[NASA-CASE-GSC-13237-1] c 33 N91-14550
Compliant joint
[NASA-CASE-GSC-13153-1] c 37 N91-17387
Robot cable-compliant devices
[NASA-CASE-GSC-13127-1] c 37 N91-17388
Synchronous demodulator
[NASA-CASE-GSC-13179-1] c 33 N91-26438
Nano-G research laboratory for a spacecraft
[NASA-CASE-GSC-13197-1] c 18 N91-27201
Differential current source
[NASA-CASE-GSC-13280-1] c 33 N91-27479
Visual aid for the hearing impaired
[NASA-CASE-GSC-13027-1-CU] c 35 N91-27522
Edge technique for measurement of laser frequency shifts including the Doppler shift
[NASA-CASE-GSC-13343-1] c 36 N91-28557
Emergency locating transmitter
[NASA-CASE-GSC-12821-2] c 33 N91-31530
Robotic tool change mechanism
[NASA-CASE-GSC-13239-1] c 37 N91-31656
Generation of topographic terrain models utilizing synthetic aperture radar and surface level data
[NASA-CASE-GSC-13212-1] c 43 N91-32546
Control system for ruling blazed, aberration corrected diffraction gratings
[NASA-CASE-GSC-13240-1] c 35 N92-10186
Magnetostrictive roller drive motor
[NASA-CASE-GSC-13369-1] c 33 N92-15331
Whiskerless Schottky diode
[NASA-CASE-GSC-13063-2-CU] c 33 N92-16197
J-hook latching device
[NASA-CASE-GSC-13200-1] c 37 N92-21500
Roller locking brake
[NASA-CASE-GSC-13376-1] c 37 N92-21728
High reliability robot friendly ORU interface
[NASA-CASE-GSC-13360-1] c 37 N92-23377
Microprocessor control of multiple peak power tracking DC/DC converters for use with solar cell arrays
[NASA-CASE-GSC-13450-1] c 44 N92-23463
Double-V block fingers with cruciform recess
[NASA-CASE-GSC-13356-1] c 37 N92-24243
Robot serviced space facility
[NASA-CASE-GSC-13408-1] c 18 N92-24244
Device for applying constant pressure to a surface
[NASA-CASE-GSC-13230-1] c 37 N92-28754
High temperature solder device for flat cables
[NASA-CASE-GSC-13344-1] c 26 N92-29094
Superconducting bearings with levitation control configurations
[NASA-CASE-GSC-13346-1] c 37 N92-29099
Coupling device with improved thermal interface
[NASA-CASE-GSC-13251-1] c 37 N92-29120
Disk memory device
[NASA-CASE-GSC-13196-1] c 60 N92-29132
Laser optical disk position encoder with active heads
[NASA-CASE-GSC-13175-1] c 74 N92-29133
Rolling friction robot fingers
[NASA-CASE-GSC-13261-1] c 37 N92-29138
Connection space reduction mechanism
[NASA-CASE-GSC-13220-1] c 37 N92-29140
Cryogenic shutter
[NASA-CASE-GSC-13189-2] c 37 N92-29151
User friendly joystick
[NASA-CASE-GSC-13187-1] c 33 N92-29153
Method for advanced material characterization by laser induced eddy current imaging
[NASA-CASE-GSC-13386-1] c 38 N92-29154
Device for removing foreign objects from anatomic organs
[NASA-CASE-GSC-13306-1] c 52 N92-33032
Sub-Kelvin resistance thermometer
[NASA-CASE-GSC-13406-1] c 35 N92-33614
Page turning system
[NASA-CASE-GSC-13415-1] c 37 N92-33616
Flexible robotic arm
[NASA-CASE-GSC-13161-1] c 37 N92-33634
Driven shielding capacitive proximity sensor
[NASA-CASE-GSC-13377-1] c 63 N93-14701
Compliant walker
[NASA-CASE-GSC-13348-2] c 52 N93-14708
Retractable tool bit having slider type catch mechanism
[NASA-CASE-GSC-13358-1] c 37 N93-14710
Double-V block fingers with cruciform recess
[NASA-CASE-GSC-13356-2] c 37 N93-17625
Retractable tool bit having latch type catch mechanism
[NASA-CASE-GSC-13359-1] c 37 N93-18286
Doppler shift compensation system for laser transmitters and receivers
[NASA-CASE-GSC-13194-1] c 36 N93-18287
Split rail gripper assembly and tool driver therefor
[NASA-CASE-GSC-13370-2] c 37 N93-18288
Method and apparatus for determination of material residual stress
[NASA-CASE-GSC-13451-1] c 39 N93-20118
Method and apparatus for deflection measurements using eddy current effects
[NASA-CASE-GSC-13506-1] c 35 N93-26103
Phase discriminating capacitive array sensor system
[NASA-CASE-GSC-13460-1] c 33 N93-26104
Spline screw autochanger
[NASA-CASE-GSC-13435-1] c 37 N93-29505
Split rail gripper assembly and tool driver therefor
[NASA-CASE-GSC-13370-1] c 37 N93-31317
Linear encoding device
[NASA-CASE-GSC-13562-1] c 61 N94-15703
Steering capacifiector sensor
[NASA-CASE-GSC-13489-1] c 63 N94-15704
Capacifiector camera
[NASA-CASE-GSC-13564-1] c 35 N94-15872
Forback DC-to-DC converter
[NASA-CASE-GSC-13404-1] c 33 N94-15874
Rotary encoding device
[NASA-CASE-GSC-13556-1] c 61 N94-15943
Double-driven shield capacitive type proximity sensor
[NASA-CASE-GSC-13541-1] c 63 N94-15946
Spline screw payload fastening system
[NASA-CASE-GSC-13454-1] c 37 N94-20126
An improved patch for radiative coolers
[NASA-CASE-GSC-13503-1] c 37 N94-20127
Rotary encoding device using polygonal mirror with diffraction gratings on each facet
[NASA-CASE-GSC-13543-1] c 74 N94-20240
Climbing robot
[NASA-CASE-GSC-13442-1] c 37 N94-20494
Conically scanned holographic lidar telescope
[NASA-CASE-GSC-13462-1] c 74 N94-20591
Spline screw multiple rotations mechanism
[NASA-CASE-GSC-13452-1] c 37 N94-23078
Split spline screw
[NASA-CASE-GSC-13434-1] c 37 N94-23082
Micro pulse laser radar
[NASA-CASE-GSC-13493-1] c 32 N94-23827
Magnetic power piston fluid compressor
[NASA-CASE-GSC-13565-1] c 37 N94-23831
Electromagnetic brake/clutch device
[NASA-CASE-GSC-13502-1] c 37 N94-23969
Bolt and nut evaluator
[NASA-CASE-GSC-13468-1] c 35 N94-29538
Simplified and symmetrical five-bar linkage driver for manipulating a six-degree-of-freedom parallel minimanipulator with three inextensible limbs
[NASA-CASE-GSC-13485-2] c 37 N94-29556
Six-degree-of-freedom parallel minimanipulator with three inextensible limbs
[NASA-CASE-GSC-13485-1] c 35 N94-29726
Method for ambiguity resolution in range-Doppler measurements
[NASA-CASE-GSC-13542-1] c 32 N94-29739
Active antenna
[NASA-CASE-GSC-13309-1] c 32 N94-35231
Microprocessor control of multiple peak power tracking DC/DC converters for use with solar cell arrays
[NASA-CASE-GSC-13450-2] c 44 N94-35540

National Aeronautics and Space Administration. Hugh L. Dryden Flight Research Center, Edwards, CA.

Fifth wheel
[NASA-CASE-FRC-10081-1] c 37 N77-14477
Window comparator
[NASA-CASE-FRC-10090-1] c 33 N78-18308
Wire stripper
[NASA-CASE-FRC-10111-1] c 37 N79-10419
Free wing assembly for an aircraft
[NASA-CASE-FRC-10092-1] c 05 N79-12061
Voltage regulator for battery power source
[NASA-CASE-FRC-10116-1] c 33 N79-23345
Air speed and attitude probe
[NASA-CASE-FRC-11009-1] c 06 N80-18036
Attaching of strain gages to substrates
[NASA-CASE-FRC-10093-1] c 35 N80-20560
Pulse transducer with artifact signal attenuator
[NASA-CASE-FRC-11012-1] c 52 N80-23969
Portable device for use in starting air-start-units for aircraft and having cable lead testing capability
[NASA-CASE-FRC-10113-1] c 33 N80-26599
System for use in conducting wake investigation for a wing in flight
[NASA-CASE-FRC-11024-1] c 02 N80-28300
Active notch filter network with variable notch depth, width and frequency
[NASA-CASE-FRC-11055-1] c 33 N80-29583
Skin friction measuring device for aircraft
[NASA-CASE-FRC-11029-1] c 06 N81-17057
Method for observing the features characterizing the surface of a land mass
[NASA-CASE-FRC-11013-1] c 43 N81-17499
Thermocouple, multiple junction reference oven
[NASA-CASE-FRC-10112-1] c 35 N81-26431
Electrical servo actuator bracket
[NASA-CASE-FRC-11044-1] c 37 N81-33483
System for providing an integrated display of instantaneous information relative to aircraft attitude, heading, altitude, and horizontal situation
[NASA-CASE-FRC-11005-1] c 06 N82-16075
Multiple pure tone elimination strut assembly
[NASA-CASE-FRC-11062-1] c 71 N82-16800
Apparatus for damping operator induced oscillations of a controlled system
[NASA-CASE-FRC-11041-1] c 33 N82-18493
Power converter
[NASA-CASE-FRC-11014-1] c 33 N82-18494
Sun sensing guidance system for high altitude aircraft
[NASA-CASE-FRC-11052-1] c 04 N82-23231
Superplastically formed diffusion bonded metallic structure
[NASA-CASE-FRC-11026-1] c 24 N82-24296
Smoothing filter for digital to analog conversion
[NASA-CASE-FRC-11025-1] c 33 N82-24417

Transpirationally cooled heat ablation system Patent
[NASA-CASE-XMS-02677] c 31 N70-42075
Voltage-current characteristic simulator Patent
[NASA-CASE-XMS-01554] c 10 N71-10578
Training vehicle for controlling attitude Patent
[NASA-CASE-XMS-02977] c 11 N71-10746
Gravity stabilized flying vehicle Patent
[NASA-CASE-MSC-12111-1] c 02 N71-11039
Helmet assembly and latch means therefor Patent
[NASA-CASE-XMS-04935] c 05 N71-11190
Pressure suit tie-down mechanism Patent
[NASA-CASE-XMS-00784] c 05 N71-12335
Hand-held self-maneuvering unit Patent
[NASA-CASE-XMS-05304] c 05 N71-12336
Pressure garment joint Patent
[NASA-CASE-XMS-09636] c 05 N71-12344
Emergency escape system Patent
[NASA-CASE-MSC-12086-1] c 05 N71-12345
Dynamic Doppler simulator Patent
[NASA-CASE-XMS-05454-1] c 07 N71-12391
Electrical load protection device Patent
[NASA-CASE-MSC-12135-1] c 09 N71-12526
High voltage pulse generator Patent
[NASA-CASE-MSC-12178-1] c 09 N71-13518
Process for conditioning tanned sharkskin and articles made therefrom Patent
[NASA-CASE-XMS-09691-1] c 18 N71-15545
Ablation structures Patent
[NASA-CASE-XMS-01816] c 33 N71-15623
Fluid power transmission Patent
[NASA-CASE-XMS-01445] c 12 N71-16031
Spacecraft radiator cover Patent
[NASA-CASE-MSC-12049] c 31 N71-16080
Method of improving heat transfer characteristics in a nucleate boiling process Patent
[NASA-CASE-XMS-04268] c 33 N71-16277
Heated element fluid flow sensor Patent
[NASA-CASE-MSC-12084-1] c 12 N71-17569
Biological isolation garment Patent
[NASA-CASE-MSC-12206-1] c 05 N71-17599
Metal valve pintle with encapsulated elastomeric body Patent
[NASA-CASE-MSC-12116-1] c 15 N71-17648
Method for forming plastic materials Patent
[NASA-CASE-XMS-05516] c 15 N71-17803
Flexible blade antenna Patent
[NASA-CASE-MSC-12101] c 09 N71-18720
Space suit heat exchanger Patent
[NASA-CASE-XMS-09571] c 05 N71-19439
Light intensity modulator controller Patent
[NASA-CASE-XMS-04300] c 09 N71-19479
Solar optical telescope dome control system Patent
[NASA-CASE-MSC-10966] c 14 N71-19568
Subgravity simulator Patent
[NASA-CASE-XMS-04798] c 11 N71-21474
Shock absorber Patent
[NASA-CASE-XMS-03722] c 15 N71-21530
Apparatus for machining geometric cones Patent
[NASA-CASE-XMS-04292] c 15 N71-22722
Rescue litter flotation assembly Patent
[NASA-CASE-XMS-04170] c 05 N71-22748
Aligning and positioning device Patent
[NASA-CASE-XMS-04178] c 15 N71-22798
Tension measurement device Patent
[NASA-CASE-XMS-04545] c 15 N71-22878
Amplitude modulated laser transmitter Patent
[NASA-CASE-XMS-04269] c 16 N71-22895
Digital cardiotachometer system Patent
[NASA-CASE-XMS-02399] c 05 N71-22896
Phonocardiograph transducer Patent
[NASA-CASE-XMS-05365] c 14 N71-22993
Multiple environment materials test chamber having a multiple port X-ray tube for irradiating a plurality of samples Patent
[NASA-CASE-XMS-02930] c 11 N71-23042
Soft frame adjustable eyeglasses Patent
[NASA-CASE-XMS-06064] c 05 N71-23096
Blood pressure measuring system for separating and separately recording dc signal and an ac signal Patent
[NASA-CASE-XMS-06061] c 05 N71-23317
Signal ratio system utilizing voltage controlled oscillators Patent
[NASA-CASE-XMF-04367] c 09 N71-23545
Winch having cable position and load indicators Patent
[NASA-CASE-MSC-12052-1] c 15 N71-24599
Radar antenna system for acquisition and tracking Patent
[NASA-CASE-XMS-09610] c 07 N71-24625
Extravehicular tunnel suit system Patent
[NASA-CASE-MSC-12243-1] c 05 N71-24728
Broadband modified turnstile antenna Patent
[NASA-CASE-MSC-12209] c 09 N71-24842
Quick release hook tape Patent
[NASA-CASE-XMS-10660-1] c 15 N71-25975
Plated electrodes Patent
[NASA-CASE-XMS-04213-1] c 09 N71-26002
Audio signal processor Patent
[NASA-CASE-MSC-12223-1] c 07 N71-26181
Fabric for micrometeoroid protection garment Patent
[NASA-CASE-MSC-12109] c 18 N71-26285
Antenna array phase quadrature tracking system Patent
[NASA-CASE-MSC-12205-1] c 07 N71-27056
Radiometric temperature reference Patent
[NASA-CASE-MSC-13276-1] c 14 N71-27058
Pneumatic amplifier Patent
[NASA-CASE-MSC-12121-1] c 15 N71-27147
Orbital escape device Patent
[NASA-CASE-XMS-06162] c 31 N71-28851
Inflatable tether Patent
[NASA-CASE-XMS-10993] c 15 N71-28936
Ion-exchange membrane with platinum electrode assembly Patent
[NASA-CASE-XMS-02063] c 03 N71-29044
Color television system
[NASA-CASE-MSC-12146-1] c 07 N72-17109
Current dependent filter inductance
[NASA-CASE-ERC-10139] c 09 N72-17154
Low onset rate energy absorber
[NASA-CASE-MSC-12279] c 15 N72-17450
Stand-off type ablative heat shield
[NASA-CASE-MSC-12143-1] c 33 N72-17947
Optical range finder having nonoverlapping complete images
[NASA-CASE-MSC-12105-1] c 14 N72-21409
Open type urine receptacle
[NASA-CASE-MSC-12324-1] c 05 N72-22093
Family of frequency to amplitude converters
[NASA-CASE-MSC-12395] c 09 N72-25257
Foldable construction block
[NASA-CASE-MSC-12233-1] c 15 N72-25454
Method and apparatus for detecting surface ions on silicon diodes and transistors
[NASA-CASE-ERC-10325] c 15 N72-25457
Scientific experiment flexible mount
[NASA-CASE-MSC-12372-1] c 31 N72-25842
Burn rate testing apparatus
[NASA-CASE-XMS-09690] c 33 N72-25913
System for improving signal-to-noise ratio of a communication signal
[NASA-CASE-MSC-12259-2] c 07 N72-33146
Altitude measuring system
[NASA-CASE-ERC-10412-1] c 09 N73-12211
A method of delivering a vehicle to earth orbit and returning the reusable portion thereof to earth
[NASA-CASE-MSC-12391] c 30 N73-12884
Multispectral imaging system
[NASA-CASE-MSC-12404-1] c 23 N73-13661
Foldable construction block
[NASA-CASE-MSC-12233-2] c 32 N73-13921
Space shuttle vehicle and system
[NASA-CASE-MSC-12433] c 31 N73-14854
Apparatus for statistical time-series analysis of electrical signals
[NASA-CASE-MSC-12428-1] c 10 N73-25240
Life raft stabilizer
[NASA-CASE-MSC-12393-1] c 02 N73-26006
On-film optical recording of camera lens settings
[NASA-CASE-MSC-12363-1] c 14 N73-26431
Powerplexer
[NASA-CASE-MSC-12396-1] c 03 N73-31988
Foot pedal operated fluid type exercising device
[NASA-CASE-MSC-11561-1] c 05 N73-32014
Digital to analog conversion apparatus
[NASA-CASE-MSC-12458-1] c 08 N73-32081
Solid state controller three axes controller
[NASA-CASE-MSC-12394-1] c 08 N74-10942
Method for obtaining oxygen from lunar or similar soil
[NASA-CASE-MSC-12408-1] c 46 N74-13011
Adaptive voting computer system
[NASA-CASE-MSC-13932-1] c 62 N74-14920
Phase protection system for ac power lines
[NASA-CASE-MSC-17832-1] c 33 N74-14956
Optical instruments
[NASA-CASE-MSC-14096-1] c 74 N74-15095
Multifunction audio digitizer
[NASA-CASE-MSC-13855-1] c 35 N74-17885
Method and apparatus for stable silicon dioxide layers on silicon grown in silicon nitride ambient
[NASA-CASE-ERC-10073-1] c 24 N74-19769
Pulse code modulated signal synchronizer
[NASA-CASE-MSC-12462-1] c 32 N74-20809
Pulse code modulated signal synchronizer
[NASA-CASE-MSC-12494-1] c 32 N74-20810
Apparatus and method for processing Korotkov sounds
[NASA-CASE-MSC-13999-1] c 52 N74-26626
Differential phase shift keyed communication system
[NASA-CASE-MSC-14065-1] c 32 N74-26654
Technique for recovery of voice data from heat damaged magnetic tape
[NASA-CASE-MSC-14219-1] c 32 N74-27612
Differential phase shift keyed signal resolver
[NASA-CASE-MSC-14066-1] c 33 N74-27705
Specific wavelength colorimeter
[NASA-CASE-MSC-14081-1] c 35 N74-27860
Latch mechanism
[NASA-CASE-MSC-12549-1] c 37 N74-27903
Digital communication system
[NASA-CASE-MSC-13912-1] c 32 N74-30524
Flexible joint for pressurizable garment
[NASA-CASE-MSC-11072] c 54 N74-32546
Method and apparatus for decoding compatible convolutional codes
[NASA-CASE-MSC-14070-1] c 32 N74-32598
Pulse stretcher for narrow pulses
[NASA-CASE-MSC-14130-1] c 33 N74-32711
Method and device for detection of surface discontinuities or defects
[NASA-CASE-MSC-14187-1] c 35 N74-32879
Anti-fog composition
[NASA-CASE-MSC-13530-2] c 23 N75-14834
Four phase logic systems
[NASA-CASE-MSC-14240-1] c 33 N75-14957
Peak holding circuit for extremely narrow pulses
[NASA-CASE-MSC-14129-1] c 33 N75-18479
Random pulse generator
[NASA-CASE-MSC-14131-1] c 33 N75-19515
Grain refinement control in TIG arc welding
[NASA-CASE-MSC-19095-1] c 37 N75-19683
Condensate removal device for heat exchanger
[NASA-CASE-MSC-14143-1] c 77 N75-20139
Television noise reduction device
[NASA-CASE-MSC-12607-1] c 32 N75-21485
Digital transmitter for data bus communications system
[NASA-CASE-MSC-14558-1] c 32 N75-21486
Insulated electrocardiographic electrodes
[NASA-CASE-MSC-14339-1] c 05 N75-24716
Variable ratio mixed-mode bilateral master-slave control system for shuttle remote manipulator system
[NASA-CASE-MSC-14245-1] c 18 N75-27041
Multiple circuit protector device
[NASA-CASE-XMS-02744] c 33 N75-27249
Apparatus for welding sheet material
[NASA-CASE-XMS-01330] c 37 N75-27376
Multiparameter vision testing apparatus
[NASA-CASE-MSC-13601-2] c 54 N75-27759
Thrust measurement
[NASA-CASE-XMS-05731] c 35 N75-29382
Fault tolerant clock apparatus utilizing a controlled minority of clock elements
[NASA-CASE-MSC-12531-1] c 35 N75-30504
Filter regeneration systems
[NASA-CASE-MSC-14273-1] c 34 N75-33342
Spacecraft docking and alignment system
[NASA-CASE-MSC-12559-1] c 18 N76-14186
Reconstituted asbestos matrix
[NASA-CASE-MSC-12568-1] c 24 N76-14204
Strain arrestor plate for fused silica tile
[NASA-CASE-MSC-14182-1] c 27 N76-14264
Medical subject monitoring systems
[NASA-CASE-MSC-14180-1] c 52 N76-14757
Automatic biowaste sampling
[NASA-CASE-MSC-14640-1] c 54 N76-14804
Method for manufacturing mirrors in zero gravity environment
[NASA-CASE-MSC-12611-1] c 12 N76-15189
Cosmic dust analyzer
[NASA-CASE-MSC-13802-2] c 35 N76-15431
Low distortion receiver for bi-level baseband PCM waveforms
[NASA-CASE-MSC-14557-1] c 32 N76-16249
Frequency measurement by coincidence detection with standard frequency
[NASA-CASE-MSC-14649-1] c 33 N76-16331
Space vehicle system
[NASA-CASE-MSC-12561-1] c 18 N76-17185
Method of fluxless brazing and diffusion bonding of aluminum containing components
[NASA-CASE-MSC-14435-1] c 37 N76-18455
Auger attachment method for insulation
[NASA-CASE-MSC-12615-1] c 37 N76-19437
Position determination systems
[NASA-CASE-MSC-12593-1] c 17 N76-21250
Two-component ceramic coating for silica insulation
[NASA-CASE-MSC-14270-1] c 27 N76-22377
Three-component ceramic coating for silica insulation
[NASA-CASE-MSC-14270-2] c 27 N76-23426
Binary concatenated coding system
[NASA-CASE-MSC-14082-1] c 60 N76-23850
Non-flammable elastomeric fiber from a fluorinated elastomer and containing an halogenated flame retardant
[NASA-CASE-MSC-14331-1] c 27 N76-24405

Self-contained breathing apparatus
[NASA-CASE-MSC-14733-1] c 54 N76-24900
Sun angle calculator
[NASA-CASE-MSC-12617-1] c 35 N76-29552
Meteoroid capture cell construction
[NASA-CASE-MSC-12423-1] c 91 N76-30131
Flanged major modular assembly jig
[NASA-CASE-MSC-19372-1] c 39 N76-31562
Optical noise suppression device and method
[NASA-CASE-MSC-12640-1] c 74 N76-31998
Optical process for producing classification maps from multispectral data
[NASA-CASE-MSC-14472-1] c 43 N77-10584
Window defect planar mapping technique
[NASA-CASE-MSC-19442-1] c 74 N77-10899
Differential pulse code modulation
[NASA-CASE-MSC-12506-1] c 32 N77-12239
Method and system for in vivo measurement of bone tissue using a two level energy source
[NASA-CASE-MSC-14276-1] c 52 N77-14737
Analysis of volatile organic compounds
[NASA-CASE-MSC-14428-1] c 23 N77-17161
System for producing chroma signals
[NASA-CASE-MSC-14683-1] c 74 N77-18893
Fluid mass sensor for a zero gravity environment
[NASA-CASE-MSC-14653-1] c 35 N77-19385
Mechanical sequencer
[NASA-CASE-MSC-19536-1] c 37 N77-22482
Unbalanced quadriphase demodulator
[NASA-CASE-MSC-14840-1] c 32 N77-24331
Open loop digital frequency multiplier
[NASA-CASE-MSC-12709-1] c 33 N77-24375
Platinum resistance thermometer circuit
[NASA-CASE-MSC-12327-1] c 35 N77-27368
Surface finishing
[NASA-CASE-MSC-12631-1] c 24 N77-28225
Pressure modulating value
[NASA-CASE-MSC-14905-1] c 37 N77-28487
Snap-in compressible biomedical electrode
[NASA-CASE-MSC-14623-1] c 52 N77-28717
Load regulating latch
[NASA-CASE-MSC-19535-1] c 37 N77-32499
Regenerable device for scrubbing breathable air of CO2 and moisture without special heat exchanger equipment
[NASA-CASE-MSC-14771-1] c 54 N77-32722
Process of forming catalytic surfaces for wet oxidation reactions
[NASA-CASE-MSC-14831-1] c 25 N78-10225
Hearing aid malfunction detection system
[NASA-CASE-MSC-14916-1] c 33 N78-10375
Gas compression apparatus
[NASA-CASE-MSC-14757-1] c 35 N78-10428
Low gravity phase separator
[NASA-CASE-MSC-14773-1] c 35 N78-12390
Iodine generator for reclaimed water purification
[NASA-CASE-MSC-14632-1] c 54 N78-14784
Flame retardant spandex type polyurethanes
[NASA-CASE-MSC-14331-2] c 27 N78-17213
Temperature compensated current source
[NASA-CASE-MSC-11235] c 33 N78-17294
Microbalance
[NASA-CASE-MSC-11242] c 35 N78-17358
Adjustable securing base
[NASA-CASE-MSC-19666-1] c 37 N78-17383
Restraining mechanism
[NASA-CASE-MSC-13054] c 54 N78-17677
Helmet latching and attaching ring
[NASA-CASE-XMS-04670] c 54 N78-17678
Protective garment ventilation system
[NASA-CASE-XMS-04928] c 54 N78-17679
Helmet feedport
[NASA-CASE-XMS-09653] c 54 N78-17680
Optical conversion method
[NASA-CASE-MSC-12618-1] c 74 N78-17865
Emergency space-suit helmet
[NASA-CASE-MSC-10954-1] c 54 N78-18761
Method of producing complex aluminum alloy parts of high temper, and products thereof
[NASA-CASE-MSC-19693-1] c 26 N78-24333
Stator rotor tools
[NASA-CASE-MSC-16000-1] c 37 N78-24544
Flexible pile thermal barrier insulator
[NASA-CASE-MSC-19568-1] c 34 N78-25350
Fluid valve assembly
[NASA-CASE-MSC-12731-1] c 37 N78-25426
Variable contour securing system
[NASA-CASE-MSC-16270-1] c 37 N78-27423
Multi-purpose wind tunnel reaction control model block
[NASA-CASE-MSC-19706-1] c 09 N78-31129
Heat resistant polymers of oxidized styrylphosphine
[NASA-CASE-MSC-14903-1] c 27 N78-32256
Condition sensor system and method
[NASA-CASE-MSC-14805-1] c 54 N78-32720
Bit error rate measurement above and below bit rate tracking threshold
[NASA-CASE-MSC-12743-1] c 32 N79-10263
Phased array antenna control
[NASA-CASE-MSC-14939-1] c 32 N79-11264
Apparatus and method for stabilized phase detection for binary signal tracking loops
[NASA-CASE-MSC-16461-1] c 33 N79-11313
Positive isolation disconnect
[NASA-CASE-MSC-16043-1] c 37 N79-11402
Thermal insulation attaching means
[NASA-CASE-MSC-12619-2] c 27 N79-12221
Lightweight electrically-powered flexible thermal laminate
[NASA-CASE-MSC-12662-1] c 33 N79-12331
Simultaneous treatment of SO2 containing stack gases and waste water
[NASA-CASE-MSC-16258-1] c 45 N79-12584
Length mode piezoelectric ultrasonic transducer for inspection of solid objects
[NASA-CASE-MSC-19672-1] c 38 N79-14398
Interactive color display for multispectral imagery using correlation clustering
[NASA-CASE-MSC-16253-1] c 32 N79-20297
Sequencing device utilizing planetary gear set
[NASA-CASE-MSC-19514-1] c 37 N79-20377
Water separator
[NASA-CASE-XMS-01295-1] c 37 N79-21345
Metabolic rate meter and method
[NASA-CASE-MSC-12239-1] c 52 N79-21750
Fluid sample collection and distribution system
[NASA-CASE-MSC-16841-1] c 34 N79-24285
Thermal insulation protection means
[NASA-CASE-MSC-12737-1] c 24 N79-25142
System for automatically switching transformer coupled lines
[NASA-CASE-MSC-16697-1] c 33 N79-28415
Fused switch
[NASA-CASE-XMS-01244-1] c 33 N79-33393
Chassis unit insert tightening-extract device
[NASA-CASE-XMS-01077-1] c 37 N79-33467
Compound oxidized styrylphosphine
[NASA-CASE-MSC-14903-2] c 27 N80-10358
Portable breathing system
[NASA-CASE-MSC-16182-1] c 54 N80-10799
Method and apparatus for eliminating luminol interference material
[NASA-CASE-MSC-16260-1] c 51 N80-16714
Pressure limiting propellant actuating system
[NASA-CASE-MSC-18179-1] c 20 N80-18097
Floating nut retention system
[NASA-CASE-MSC-16938-1] c 37 N80-23653
Heat resistant polymers of oxidized styrylphosphine
[NASA-CASE-MSC-14903-3] c 27 N80-24438
Vitra-violet process for producing flame resistant polyamides and products produced thereby
[NASA-CASE-MSC-16074-1] c 27 N80-26446
Method and automated apparatus for detecting coliform organisms
[NASA-CASE-MSC-16777-1] c 51 N80-27067
Multiple band circularly polarized microstrip antenna
[NASA-CASE-MSC-18334-1] c 32 N80-32604
Multispectral scanner optical system
[NASA-CASE-MSC-18255-1] c 74 N80-33210
Surface finishing
[NASA-CASE-MSC-12631-3] c 27 N81-14077
Coaxial phased array antenna
[NASA-CASE-MSC-16800-1] c 32 N81-14187
Installing fiber insulation
[NASA-CASE-MSC-16973-1] c 37 N81-14317
Pseudonoise code tracking loop
[NASA-CASE-MSC-18035-1] c 32 N81-15179
Thermal barrier pressure seal
[NASA-CASE-MSC-18134-1] c 37 N81-15363
Digital numerically controlled oscillator
[NASA-CASE-MSC-16747-1] c 33 N81-17349
Self-calibrating threshold detector
[NASA-CASE-MSC-16370-1] c 35 N81-19427
Cell and method for electrolysis of water and anode
[NASA-CASE-MSC-16394-1] c 28 N81-24280
Urine collection device
[NASA-CASE-MSC-16433-1] c 52 N81-24711
Method for applying photographic resists to otherwise incompatible substrates
[NASA-CASE-MSC-18107-1] c 27 N81-25209
Structural members, method and apparatus
[NASA-CASE-MSC-16217-1] c 31 N81-27323
Shielded conductor cable system
[NASA-CASE-MSC-12745-1] c 33 N81-27397
Urine collection apparatus
[NASA-CASE-MSC-18381-1] c 52 N81-28740
Reciprocating engines
[NASA-CASE-MSC-16239-1] c 37 N81-32510
Cavity-backed, micro-strip dipole antenna array
[NASA-CASE-MSC-18606-1] c 32 N82-11336
Low temperature latching solenoid
[NASA-CASE-MSC-18106-1] c 33 N82-11357
Logic-controlled occlusive cuff system
[NASA-CASE-MSC-14836-1] c 52 N82-11770
Electrophotolysis oxidation system for measurement of organic concentration in water
[NASA-CASE-MSC-16497-1] c 25 N82-12166
Heat sealable, flame and abrasion resistant coated fabric
[NASA-CASE-MSC-18382-1] c 27 N82-16238
Surface conforming thermal/pressure seal
[NASA-CASE-MSC-18422-1] c 37 N82-16408
Direct current ballast circuit for metal halide lamp
[NASA-CASE-MSC-18407-1] c 33 N82-24427
Precision heat forming of tetrafluoroethylene tubing
[NASA-CASE-MSC-18430-1] c 37 N82-24491
High temperature penetrator assembly with bayonet plug and ramp-activated lock
[NASA-CASE-MSC-18526-1] c 37 N82-24494
A method and technique for installing light-weight fragile, high-temperature fiber insulation
[NASA-CASE-MSC-18934-3] c 24 N82-26387
Open ended tubing cutters
[NASA-CASE-MSC-18538-1] c 37 N82-26672
Reusable captive blind fastener
[NASA-CASE-MSC-18742-1] c 37 N82-26673
Spiral slotted phased antenna array
[NASA-CASE-MSC-18532-1] c 32 N82-27558
Thermal garment
[NASA-CASE-XMS-03694-1] c 54 N82-29002
Reconfiguring redundancy management
[NASA-CASE-MSC-18498-1] c 60 N82-29013
Absorbent product to absorb fluids
[NASA-CASE-MSC-18223-1] c 24 N82-29362
Attachment system for silica tiles
[NASA-CASE-MSC-18741-1] c 27 N82-29456
Optical crystal temperature gauge with fiber optic connections
[NASA-CASE-MSC-18627-1] c 74 N82-30071
Random digital encryption secure communication system
[NASA-CASE-MSC-16462-1] c 32 N82-31583
CAM controlled retractable door latch
[NASA-CASE-MSC-20304-1] c 37 N82-31690
Densification of porous refractory substrates
[NASA-CASE-MSC-18737-1] c 24 N83-13171
Method of repairing surface damage to porous refractory substrates
[NASA-CASE-MSC-18736-1] c 24 N83-13172
Gas-to-hydraulic power converter
[NASA-CASE-MSC-18794-1] c 44 N83-14693
High temperature silicon carbide impregnated insulating fabrics
[NASA-CASE-MSC-18832-1] c 27 N83-18908
Kinesimetric method and apparatus
[NASA-CASE-MSC-18929-1] c 39 N83-20280
Compression test apparatus
[NASA-CASE-MSC-18723-1] c 35 N83-21312
Bio-medical flow sensor
[NASA-CASE-MSC-18761-1] c 52 N83-27577
Apparatus for determining changes in limb volume
[NASA-CASE-MSC-18759-1] c 52 N83-27578
Degassifying and mixing apparatus for liquids
[NASA-CASE-MSC-18936-1] c 35 N83-29652
Apparatus for accurately preloading auger attachment means for frangible protective material
[NASA-CASE-MSC-18791-1] c 37 N83-36482
Automatic compression adjusting mechanism for internal combustion engines
[NASA-CASE-MSC-18807-1] c 37 N83-36483
Absorbent product and articles made therefrom
[NASA-CASE-MSC-18223-2] c 54 N84-11758
Method and technique for installing light-weight, fragile, high-temperature fiber insulation
[NASA-CASE-MSC-16934-3] c 24 N84-16262
Method and apparatus for simulating gravitational forces on a living organism
[NASA-CASE-MSC-20202-1] c 54 N84-16803
Pre-stressed thermal protection systems
[NASA-CASE-MSC-20254-1] c 16 N84-22601
Apparatus for releasably connecting first and second objects in predetermined space relationship
[NASA-CASE-MSC-18969-1] c 18 N84-22605
Tanker orbit transfer vehicle and method
[NASA-CASE-MSC-20543-1] c 18 N84-22610
Doppler radar having phase modulation of both transmitted and reflected return signals
[NASA-CASE-MSC-18675-1] c 32 N84-22820
Heat resistant protective hand covering
[NASA-CASE-MSC-20261-2] c 54 N84-23113
Method and apparatus for receiving and tracking phase modulated signals
[NASA-CASE-MSC-16170-2] c 32 N84-27952
Heat resistant protective hand covering
[NASA-CASE-MSC-20261-1] c 54 N84-28484

Digital interface for bi-directional communication between a computer and a peripheral device
[NASA-CASE-MSC-20258-1] c 60 N84-28492
Slow opening valve
[NASA-CASE-MSC-20112-1] c 37 N85-20338
Television camera video level control system
[NASA-CASE-MSC-18578-1] c 32 N85-21427
Self-charging metering and dispensing device for fluids
[NASA-CASE-MSC-20275-1] c 35 N85-21595
Connection system
[NASA-CASE-MSC-20319-1] c 37 N85-21649
Monogroove heat pipe design: Insulated liquid channel with bridging wick
[NASA-CASE-MSC-20497-1] c 34 N85-29180
Moisture content and gas sampling device
[NASA-CASE-MSC-18866-1] c 35 N85-29213
Low gravity exothermic heating/cooling apparatus
[NASA-CASE-MSC-25707-1] c 35 N85-29214
Spray applicator for spraying coatings and other fluids in space
[NASA-CASE-MSC-18852-1] c 37 N85-29283
Linear motion valve
[NASA-CASE-MSC-20148-1] c 37 N85-29284
Light transmitting window assembly
[NASA-CASE-MSC-18417-1] c 74 N85-29750
Slide release mechanism
[NASA-CASE-MSC-20080-1] c 37 N85-30334
Liquid crystal light valve structures
[NASA-CASE-MSC-20036-1] c 76 N85-33826
Reactant pressure differential control for fuel cell gases
[NASA-CASE-MSC-20127-2] c 37 N85-34403
Fluid leak indicator
[NASA-CASE-MSC-20783-1] c 35 N86-20756
Spillage detector for liquid chromatography systems
[NASA-CASE-MSC-20206-1] c 25 N86-27431
Multi-leg heat pipe evaporator
[NASA-CASE-MSC-20812-1] c 34 N86-27593
Foldable self-erecting joint
[NASA-CASE-MSC-20635-1] c 18 N87-14373
Real-time garbage collection for list processing
[NASA-CASE-MSC-20964-1] c 60 N87-14863
Infusion extractor
[NASA-CASE-MSC-20761-1] c 37 N87-15465
Self-contained, single-use hose and tubing cleaning module
[NASA-CASE-MSC-20857-1] c 37 N87-17035
Sun shield
[NASA-CASE-MSC-20162-1] c 37 N87-17036
Method and apparatus for measuring frequency and phase difference
[NASA-CASE-MSC-20865-1] c 32 N87-18692
Multi-path peristaltic pump
[NASA-CASE-MSC-20907-1] c 37 N87-18818
Pumped two-phase heat transfer loop
[NASA-CASE-MSC-20841-1] c 34 N87-22950
Apparatus and method of capturing an orbiting spacecraft
[NASA-CASE-MSC-20979-1] c 37 N87-22985
Method of making a flexible diaphragm
[NASA-CASE-MSC-20797-1] c 37 N87-23981
Method and apparatus for telemetry adaptive bandwidth compression
[NASA-CASE-MSC-20821-1] c 17 N87-25348
Improved method and apparatus for waste collection and storage
[NASA-CASE-MSC-21025-1] c 31 N87-25495
Processing circuit with asymmetry corrector and convolutional encoder for digital data
[NASA-CASE-MSC-20187-1] c 33 N87-25531
Four-terminal electrical testing device
[NASA-CASE-MSC-21166-1] c 35 N87-25555
Preloadable vector sensitive latch
[NASA-CASE-MSC-20910-1] c 37 N87-25582
Monogroove cold plate
[NASA-CASE-MSC-20946-1] c 34 N87-28867
Tapered, tubular polyester fabric
[NASA-CASE-MSC-21082-1] c 27 N87-29672
Locking hinge
[NASA-CASE-MSC-21056-1] c 18 N88-23827
Hermetically sealable package for hybrid solid-state electronic devices and the like
[NASA-CASE-MSC-20181-1] c 33 N88-23941
Pumped two-phase heat transfer loop
[NASA-CASE-MSC-20841-2] c 34 N88-23958
Acoustic emission frequency discrimination
[NASA-CASE-MSC-20467-1] c 35 N88-23966
Magnetic drive coupling
[NASA-CASE-MSC-21171-1] c 37 N88-23973
Payload deployment method and system
[NASA-CASE-MSC-21330-1] c 16 N88-24660
Nozzle fabrication technique
[NASA-CASE-MSC-21299-1] c 20 N88-24684
Linear force device
[NASA-CASE-MSC-20549-2] c 35 N88-24927
Electrostatic discharge test apparatus
[NASA-CASE-MSC-21094-1] c 35 N88-24941
Range and range rate system
[NASA-CASE-MSC-20867-1] c 36 N88-24958
Toggle release
[NASA-CASE-MSC-21354-1] c 37 N88-24969
Mobile remote manipulator system for a tetrahedral truss
[NASA-CASE-MSC-20985-1] c 18 N88-26398
Method and apparatus for measuring distance
[NASA-CASE-MSC-20912-1] c 32 N88-26568
Expandable pallet for space station interface attachments
[NASA-CASE-MSC-21117-1] c 18 N88-28958
Method of forming dynamic membrane on stainless steel support
[NASA-CASE-MSC-18172-3] c 31 N88-29052
High effectiveness contour matching contact heat exchanger
[NASA-CASE-MSC-20840-1] c 34 N88-29132
Collet lock joint for space station truss
[NASA-CASE-MSC-21207-1] c 37 N88-29180
Preloaded brake disc
[NASA-CASE-MSC-21132-1] c 37 N88-29181
ARC length control for plasma welding
[NASA-CASE-MSC-20900-1] c 37 N88-30131
Switched steerable multiple beam antenna system
[NASA-CASE-MSC-20873-1-SB] c 32 N89-11961
Space station erectable manipulator placement system
[NASA-CASE-MSC-21096-1] c 18 N89-12621
Improved docking alignment system
[NASA-CASE-MSC-21372-1] c 35 N89-12842
Magnetic attachment mechanism
[NASA-CASE-MSC-21095-1] c 37 N89-12866
Don/doff support stand for use with rear entry space suits
[NASA-CASE-MSC-21364-1] c 54 N89-13889
Fluidic momentum controller
[NASA-CASE-MSC-20906-2] c 35 N89-15379
Hybrid plume plasma rocket
[NASA-CASE-MSC-20476-2] c 20 N89-25279
Space module assembly apparatus with docking alignment flexibility and restraint
[NASA-CASE-MSC-21211-1] c 18 N89-28553
Expandable pallet for space station interface attachments
[NASA-CASE-MSC-21117-2] c 18 N89-28554
Method of controlling a resin curing process
[NASA-CASE-MSC-21169-1] c 27 N89-29539
Docking system for spacecraft
[NASA-CASE-MSC-21327-1] c 18 N90-11798
Hatch cover
[NASA-CASE-MSC-21356-1] c 18 N90-19278
Docking mechanism for spacecraft
[NASA-CASE-MSC-21386-1] c 18 N90-20126
System for venting gas from a liquid storage tank
[NASA-CASE-MSC-21253-1] c 31 N90-20254
Doppler radar with multiphase modulation of transmitted and reflected signal
[NASA-CASE-MSC-18808-1] c 32 N90-20280
Gripping device
[NASA-CASE-MSC-21365-1] c 37 N90-20408
Double swivel toggle release
[NASA-CASE-MSC-21436-1] c 37 N90-21390
Pressurized bellows flat contact heat exchanger interface
[NASA-CASE-MSC-21271-1] c 34 N90-21999
Lightweight ceramic insulation and method
[NASA-CASE-MSC-20782-1] c 27 N90-23566
Hazards protection for space suits and spacecraft
[NASA-CASE-MSC-21366-1] c 54 N90-25498
Generation of animation sequences of three dimensional models
[NASA-CASE-MSC-21379-1-SB] c 61 N90-27340
EMU helmet mounted display
[NASA-CASE-MSC-21460-1] c 54 N91-13879
Programmable remapper with single flow architecture
[NASA-CASE-MSC-21481-1] c 60 N91-13890
General method of pattern classification using the two-domain theory
[NASA-CASE-MSC-21737-1] c 61 N91-13911
Adaptive data acquisition multiplexing system and method
[NASA-CASE-MSC-21170-1] c 17 N91-14371
Smart tunnel: Docking mechanism
[NASA-CASE-MSC-21360-1] c 18 N91-14374
Thermal switch disc for short circuit protection of batteries
[NASA-CASE-MSC-21428-1] c 33 N91-14537
Vibration analyzer
[NASA-CASE-MSC-21408-1] c 37 N91-14607
Quick connect coupling
[NASA-CASE-MSC-21539-1] c 37 N91-14610
Bio-reactor chamber
[NASA-CASE-MSC-20929-1] c 51 N91-14703
Dual physiological rate measurement instrument
[NASA-CASE-MSC-20078-3] c 52 N91-14709
Valve for waste collection and storage
[NASA-CASE-MSC-21025-4] c 54 N91-14723
Method for waste collection and storage
[NASA-CASE-MSC-21025-2] c 54 N91-14724
Discrete event simulation tool for analysis of qualitative models of continuous processing systems
[NASA-CASE-MSC-21465-1] c 61 N91-14741
Method of up-front load balancing for local memory parallel processors
[NASA-CASE-MSC-21348-1] c 62 N91-14769
Emergency egress fixed rocket package
[NASA-CASE-MSC-21332-1] c 03 N91-15142
Tank gauging apparatus and method
[NASA-CASE-MSC-21059-2] c 35 N91-15511
High-pressure promoted combustion chamber
[NASA-CASE-MSC-21470-1] c 09 N91-21157
Overcenter collet space station truss fastener
[NASA-CASE-MSC-21504-1] c 18 N91-21221
Orbital debris sweeper and method
[NASA-CASE-MSC-21534-1] c 18 N91-21222
Volumetric measurement of tank volume
[NASA-CASE-MSC-21500-1] c 35 N91-21493
Flexible diaphragm-extreme temperature usage
[NASA-CASE-MSC-20797-2] c 35 N91-21494
Tank gauging apparatus and method
[NASA-CASE-MSC-21059-3] c 35 N91-21495
Method and apparatus for positioning a robotic end effector
[NASA-CASE-MSC-21476-1] c 37 N91-21542
Alignment positioning mechanism
[NASA-CASE-MSC-21502-1] c 37 N91-21543
Rotating bio-reactor cell culture apparatus
[NASA-CASE-MSC-21293-1] c 51 N91-21700
Spiral vane bioreactor
[NASA-CASE-MSC-21361-1] c 51 N91-21701
Static feed water electrolysis subsystem development
[NASA-CASE-MSC-21577-1-SB] c 25 N91-23271
Dual diaphragm tank with telltale drain
[NASA-CASE-MSC-21703-1] c 31 N91-25305
Method and apparatus for sensor fusion
[NASA-CASE-MSC-21334-1] c 32 N91-25317
Optical joint correlator for real-time image tracking and retinal surgery
[NASA-CASE-MSC-21509-1] c 74 N91-25840
Method and apparatus for waste collection and storage
[NASA-CASE-MSC-21025-3] c 54 N91-26747
Variable orifice flow regulator
[NASA-CASE-MSC-21549-1] c 34 N91-27504
Horizontally rotated cell culture system with a coaxial tubular oxygenator
[NASA-CASE-MSC-21294-1] c 51 N91-30667
Power saw
[NASA-CASE-MSC-21469-1] c 37 N91-31655
Biofilm monitoring coupon system and method of use
[NASA-CASE-MSC-21585-1] c 51 N91-31755
Method and apparatus for bio-regenerative life support system
[NASA-CASE-MSC-21629-1] c 54 N91-31803
Two fault tolerant toggle-hook release
[NASA-CASE-MSC-21671-1] c 37 N91-32498
Nozzle fabrication technique
[NASA-CASE-MSC-21299-2] c 37 N91-32508
Bidirectional drive and brake mechanism
[NASA-CASE-MSC-21540-1] c 37 N91-32514
Three dimensional moire pattern alignment
[NASA-CASE-MSC-21416-1] c 74 N91-32922
Helmet of a laminate construction of polycarbonate and polysulfone polymeric material
[NASA-CASE-MSC-21503-1] c 27 N92-10091
Mechanized fluid connector and assembly tool system with ball detents
[NASA-CASE-MSC-21434-1] c 37 N92-10197
Intranasal scopolamine preparation and method
[NASA-CASE-MSC-21858-1] c 52 N92-11628
Hypervelocity impact shield
[NASA-CASE-MSC-21420-1] c 18 N92-15114
Method for providing real-time control of a gaseous propellant rocket propulsion system
[NASA-CASE-MSC-21542-1] c 20 N92-15122
Load limiting energy absorbing lightweight debris catcher
[NASA-CASE-MSC-21562-1] c 16 N92-16007
Method and apparatus for releasably connecting first and second objects
[NASA-CASE-MSC-21517-1] c 31 N92-16161
High velocity gas particulate sampling system
[NASA-CASE-MSC-21729-1] c 34 N92-16241
Atmospheric pressure flow reactor: Gas phase chemical kinetics under tropospheric conditions without wall effects
[NASA-CASE-MSC-21384-1] c 34 N92-16243
End effector with astronaut foot restraint
[NASA-CASE-MSC-21721-1] c 54 N92-16559

Programmable remapper for image processing
[NASA-CASE-MSC-21350-1] c 60 N92-16563
Closed-loop motor control using high-speed fiber optics
[NASA-CASE-MSC-21806-1] c 74 N92-17863
Lunar radiator shade
[NASA-CASE-MSC-21868-1] c 54 N92-21589
Metallic threaded composite fastener
[NASA-CASE-MSC-21580-1] c 37 N92-21726
Pressure vessel flex joint
[NASA-CASE-MSC-21748-1] c 37 N92-21727
Assured crew return vehicle
[NASA-CASE-MSC-21536-1] c 18 N92-21999
Two dimensional vernier
[NASA-CASE-MSC-21700-1] c 35 N92-22039
Quick-connect fasteners for assembling devices in space
[NASA-CASE-MSC-21648-1] c 37 N92-24051
Three-dimensional cultured glioma cell lines
[NASA-CASE-MSC-21843-1-NP] c 51 N92-24052
Payload retention device
[NASA-CASE-MSC-21906-1] c 37 N92-28727
Portable dynamic fundus instrument
[NASA-CASE-MSC-21675-1] c 52 N92-28755
Water electrolysis
[NASA-CASE-MSC-21572-1-SB] c 25 N92-28756
Whole body cleaning agent containing N-acyltaurate
[NASA-CASE-MSC-21589-1] c 54 N92-29137
Quick application/release nut with engagement indicator
[NASA-CASE-MSC-21799-1] c 37 N92-29150
Accelerometer method and apparatus for integral display and control functions
[NASA-CASE-MSC-21961-1] c 35 N92-29952
Polarization perception device
[NASA-CASE-MSC-21915-1] c 74 N92-30027
A method for making biocompatible polymer articles using atomic oxygen
[NASA-CASE-MSC-21529-1] c 27 N92-30100
Method and apparatus for preloading a joint by remotely operable means
[NASA-CASE-MSC-21940-1] c 37 N92-30540
Microporous structure with layered interstitial surface treatment, and method and apparatus for preparation thereof
[NASA-CASE-MSC-21487-1] c 25 N92-33009
Electromagnetic attachment mechanism
[NASA-CASE-MSC-21463-1] c 37 N92-33018
Purification system
[NASA-CASE-MSC-21584-1] c 25 N92-33029
Sharps container
[NASA-CASE-MSC-21776-1] c 31 N92-33612
Glove attachment
[NASA-CASE-MSC-21632-1] c 54 N92-34210
Three-dimensional co-culture process
[NASA-CASE-MSC-21560-1] c 51 N92-34229
Three-dimensional cell to tissue assembly process
[NASA-CASE-MSC-21559-1] c 51 N92-34231
High aspect reactor vessel and method of use
[NASA-CASE-MSC-21662-1] c 51 N92-34232
Method for culturing mammalian cells in a perfused bioreactor
[NASA-CASE-MSC-21293-2] c 51 N93-10109
Method for culturing mammalian cells in a horizontally rotated bioreactor
[NASA-CASE-MSC-21294-2] c 51 N93-10110
Preloaded latching device
[NASA-CASE-MSC-21730-1] c 37 N93-13417
Fastening apparatus having shape memory alloy actuator
[NASA-CASE-MSC-21935-1] c 37 N93-13423
Thruster sealing system and apparatus
[NASA-CASE-MSC-21898-1] c 37 N93-14702
System for memorizing maximum values
[NASA-CASE-MSC-21922-1] c 35 N93-14841
Bearing servicing tool
[NASA-CASE-MSC-21881-1] c 37 N93-14871
Kinetic tetrazolium microtiter assay
[NASA-CASE-MSC-21979-1] c 51 N93-17049
Electronic still camera
[NASA-CASE-MSC-21797-1] c 35 N93-17076
Acceleration recorder and playback module
[NASA-CASE-MSC-22008-1] c 35 N93-17077
Control system and method for prosthetic devices
[NASA-CASE-MSC-21941-1] c 54 N93-17087
Protective helmet assembly
[NASA-CASE-MSC-21842-1] c 54 N93-17088
Slow-release fertilizer
[NASA-CASE-MSC-21953-1-NP] c 37 N93-17271
Atmospheric pressure flow reactor: Gas phase chemical kinetics under tropospheric conditions without wall effects
[NASA-CASE-MSC-21384-2] c 35 N93-17626
General method of pattern classification using the two-domain theory
[NASA-CASE-MSC-21737-1] c 61 N93-18282
Regenerable biocide delivery unit
[NASA-CASE-MSC-21763-1-SB] c 51 N93-18351
System for simultaneously loading program to master computer memory devices and corresponding slave computer memory devices
[NASA-CASE-MSC-21387-1] c 61 N93-18855
Dynamic pattern matcher using incomplete data
[NASA-CASE-MSC-21415-1-SB] c 61 N93-18858
Active synthetic soil
[NASA-CASE-MSC-21954-1-NP] c 51 N93-19054
Pre-integrated truss space station and method of assembly
[NASA-CASE-MSC-22015-1] c 18 N93-20042
Robot-friendly connector
[NASA-CASE-MSC-21864-1] c 37 N93-20117
Method and apparatus for preloading a joint by remotely operable means
[NASA-CASE-MSC-21940-1] c 37 N93-20120
Method and apparatus for filtering visual documents
[NASA-CASE-MSC-22093-1] c 82 N93-22017
Apparatus and method for cellulose processing using microwave pretreatment
[NASA-CASE-MSC-21936-1-SB] c 25 N93-22036
Energy dissipator
[NASA-CASE-MSC-21555-1] c 37 N93-23075
Quick acting gimbal joint
[NASA-CASE-MSC-21918-1] c 37 N93-23076
Full complex modulation using two one-parameter spatial light modulators
[NASA-CASE-MSC-22255-1] c 74 N93-28135
Gas storage and recovery system
[NASA-CASE-MSC-22091-1] c 31 N93-28136
Method for preparation of a microporous structure with layered interstitial surface treatment
[NASA-CASE-MSC-21487-2] c 24 N93-29023
Ablative shielding for hypervelocity projectiles
[NASA-CASE-MSC-21884-1] c 27 N93-29088
An accelerated training method for back propagation networks
[NASA-CASE-MSC-21625-1] c 53 N93-29610
Method for producing oxygen from lunar materials
[NASA-CASE-MSC-21759-1] c 25 N93-29617
Check valve with poppet damping mechanism
[NASA-CASE-MSC-21903-1] c 37 N94-10655
Check valve with poppet dashpot/frictional damping mechanism
[NASA-CASE-MSC-21950-1] c 37 N94-10658
Cooled spool piston compressor
[NASA-CASE-MSC-22020-1] c 37 N94-10674
Connector systems for structures
[NASA-CASE-MSC-21998-1] c 37 N94-15707
Inflatable rescue device
[NASA-CASE-MSC-22244-1] c 54 N94-15883
Apparatus and method for producing an artificial gravitational field
[NASA-CASE-MSC-22021-1] c 18 N94-15935
Geometrical vapor blocker for parallel condensation tubes requiring cooling
[NASA-CASE-MSC-22090-1] c 34 N94-15962
Mechanical energy absorber
[NASA-CASE-MSC-22111-1] c 37 N94-15966
Quantitative method of measuring cancer cell urokinase and metastatic potential
[NASA-CASE-MSC-21715-1] c 51 N94-15967
Cultured normal mammalian tissue and process
[NASA-CASE-MSC-21984-1] c 51 N94-15969
Apparatus and method for measuring subject work rate on an exercise device
[NASA-CASE-MSC-21752-1] c 54 N94-20194
Thermally activated retainer means utilizing shape memory alloy
[NASA-CASE-MSC-21793-1] c 16 N94-20304
Apparatus for simulating an exoatmospheric structure
[NASA-CASE-MSC-21975-1] c 14 N94-20339
Neural network for processing both spatial and temporal data with time based back-propagation
[NASA-CASE-MSC-21874-1] c 63 N94-20366
Space Station trash removal system
[NASA-CASE-MSC-21723-1] c 18 N94-20367
Extra-corporeal blood access, sensing, and radiation methods and apparatuses
[NASA-CASE-MSC-21775-1] c 52 N94-20372
Method for anisotropic etching in the manufacture of semiconductor devices
[NASA-CASE-MSC-21631-1] c 75 N94-20491
Reconfigurable fuzzy cell
[NASA-CASE-MSC-21613-1] c 61 N94-20492
High-temperature, high-pressure oxygen metering valve
[NASA-CASE-MSC-21823-1] c 37 N94-20589
Tetrahedral lander
[NASA-CASE-MSC-22082-1] c 18 N94-20590
Fingered bola body, bola with same, and methods of use
[NASA-CASE-MSC-21967-1] c 37 N94-23822
Heavy-lift vehicle-launched Space Station method and apparatus
[NASA-CASE-MSC-21760-1] c 15 N94-29369
Rotary blood pump
[NASA-CASE-MSC-22424-1] c 37 N94-29370
Extra-vehicular activity translation tool
[NASA-CASE-MSC-21955-1] c 37 N94-29428
Landing gear energy absorption system
[NASA-CASE-MSC-22277-1] c 37 N94-29448
Measurand transient signal suppressor
[NASA-CASE-MSC-22027-1] c 63 N94-29466
Microporous structure with layered interstitial surface treatment, and method and apparatus for preparation thereof
[NASA-CASE-MSC-21487-3] c 25 N94-35229
Multi-cellular, three-dimensional living mammalian tissue
[NASA-CASE-MSC-21560-2] c 51 N94-35232
Smart accelerometer
[NASA-CASE-MSC-21951-1] c 35 N94-35235
High density cell culture system
[NASA-CASE-MSC-22060-1] c 51 N94-35366
Robot friendly probe and socket assembly
[NASA-CASE-MSC-22028-1] c 37 N94-35374
Atomic oxygen reactor having at least one sidearm conduit
[NASA-CASE-MSC-21487-4] c 31 N94-35445
General purpose architecture for intelligent computer-aided training
[NASA-CASE-MSC-21381-1] c 63 N94-35501
Magnetically operated check valve
[NASA-CASE-MSC-22046-1] c 37 N94-35661
Recombinant protein production and insect cell culture and process
[NASA-CASE-MSC-22336-1] c 51 N94-36751
Three dimensional optic tissue culture and process
[NASA-CASE-MSC-22368-1] c 51 N94-36765
Method and apparatus for the collection, storage, and real time analysis of blood and other bodily fluids
[NASA-CASE-MSC-22463-1] c 52 N94-36766
Preload release mechanism
[NASA-CASE-MSC-22327-1] c 37 N94-36839

National Aeronautics and Space Administration. Langley Research Center, Hampton, VA.

Jet shoes
[NASA-CASE-XLA-08491] c 05 N69-21380
Condenser - Separator
[NASA-CASE-XLA-08645] c 15 N69-21465
Connector - Electrical
[NASA-CASE-XLA-01288] c 09 N69-21470
A support technique for vertically oriented launch vehicles
[NASA-CASE-XLA-02704] c 11 N69-21540
Electromagnetic mirror drive system
[NASA-CASE-XLA-03724] c 14 N69-27461
Evaporant holder
[NASA-CASE-XLA-03105] c 15 N69-27483
Compensating radiometer
[NASA-CASE-XLA-04556] c 14 N69-27484
Tubular coupling having frangible connecting means
[NASA-CASE-XLA-02854] c 15 N69-27490
Fatigue-resistant shear pin
[NASA-CASE-XLA-09122] c 15 N69-27505
Ablation sensor
[NASA-CASE-XLA-01781] c 14 N69-39975
Aeroflexible structures
[NASA-CASE-XLA-06095] c 01 N69-39981
Transient-compensated SCR inverter
[NASA-CASE-XLA-08507] c 09 N69-39984
Disk pack cleaning table Patent Application
[NASA-CASE-LAR-10590-1] c 15 N70-26819
Folding apparatus Patent
[NASA-CASE-XLA-00137] c 15 N70-33180
Infrared scanner Patent
[NASA-CASE-XLA-00120] c 21 N70-33181
Reentry vehicle leading edge Patent
[NASA-CASE-XLA-00165] c 31 N70-33242
Motion picture camera for optical pyrometry Patent
[NASA-CASE-XLA-00062] c 14 N70-33254
Variable sweep wing configuration Patent
[NASA-CASE-XLA-00230] c 02 N70-33255
Variable sweep wing aircraft Patent
[NASA-CASE-XLA-00221] c 02 N70-33266
Plasma accelerator Patent
[NASA-CASE-XLA-00675] c 25 N70-33267
Survival couch Patent
[NASA-CASE-XLA-00118] c 05 N70-33285
Landing arrangement for aerial vehicles Patent
[NASA-CASE-XLA-00142] c 02 N70-33286
Wind tunnel airstream oscillating apparatus Patent
[NASA-CASE-XLA-00112] c 11 N70-33287
Hydrofoil Patent
[NASA-CASE-XLA-00229] c 12 N70-33305
High intensity heat and light unit Patent
[NASA-CASE-XLA-00141] c 09 N70-33312

Particle detection apparatus Patent
[NASA-CASE-XLA-00135] c 14 N70-33322
Runway light Patent
[NASA-CASE-XLA-00119] c 11 N70-33329
Spherical solid-propellant rocket motor Patent
[NASA-CASE-XLA-00105] c 28 N70-33331
Jet aircraft configuration Patent
[NASA-CASE-XLA-00087] c 02 N70-33332
Aerial capsule emergency separation device Patent
[NASA-CASE-XLA-00115] c 03 N70-33343
Nozzle Patent
[NASA-CASE-XLA-00154] c 28 N70-33374
Air frame drag balance Patent
[NASA-CASE-XLA-00113] c 14 N70-33386
Flexible foam erectable space structures Patent
[NASA-CASE-XLA-00686] c 31 N70-34135
Nose gear steering system for vehicle with main skids Patent
[NASA-CASE-XLA-01804] c 02 N70-34160
Surface roughness detector Patent
[NASA-CASE-XLA-00203] c 14 N70-34161
Variable-span aircraft Patent
[NASA-CASE-XLA-00166] c 02 N70-34178
Dynamic precession damper for spin stabilized vehicles Patent
[NASA-CASE-XLA-01989] c 21 N70-34295
Erectable modular space station Patent
[NASA-CASE-XLA-00678] c 31 N70-34296
Electric-arc heater Patent
[NASA-CASE-XLA-00330] c 33 N70-34540
Ac power amplifier Patent Application
[NASA-CASE-LAR-10218-1] c 09 N70-34559
Method and apparatus for producing a plasma Patent
[NASA-CASE-XLA-00147] c 25 N70-34661
Gas actuated bolt disconnect Patent
[NASA-CASE-XLA-00326] c 03 N70-34667
Logarithmic converter Patent
[NASA-CASE-XLA-00471] c 08 N70-34778
Mandrel for shaping solid propellant rocket fuel into a motor casing Patent
[NASA-CASE-XLA-00304] c 27 N70-34783
Impact simulator Patent
[NASA-CASE-XLA-00493] c 11 N70-34786
Accelerometer with FM output Patent
[NASA-CASE-XLA-00492] c 14 N70-34799
Frangible tube energy dissipation Patent
[NASA-CASE-XLA-00754] c 15 N70-34850
Landing arrangement for aerial vehicle Patent
[NASA-CASE-XLA-00806] c 02 N70-34858
Method and apparatus for shock protection Patent
[NASA-CASE-XLA-00482] c 15 N70-36409
Inflatable honeycomb Patent
[NASA-CASE-XLA-00204] c 32 N70-36536
Thermal control of space vehicles Patent
[NASA-CASE-XLA-01291] c 33 N70-36617
Foam generator Patent
[NASA-CASE-XLA-00838] c 03 N70-36778
Parachute glider Patent
[NASA-CASE-XLA-00898] c 02 N70-36804
Production of high purity silicon carbide Patent
[NASA-CASE-XLA-00158] c 26 N70-36805
Airplane take-off performance indicator Patent
[NASA-CASE-XLA-00100] c 14 N70-36807
Aerodynamic measuring device Patent
[NASA-CASE-XLA-00481] c 14 N70-36824
Aircraft wheel spray drag alleviator Patent
[NASA-CASE-XLA-01583] c 02 N70-36825
Attitude orientation of spin-stabilized space vehicles Patent
[NASA-CASE-XLA-00281] c 21 N70-36943
Continuously operating induction plasma accelerator Patent
[NASA-CASE-XLA-01354] c 25 N70-36946
Check valve assembly for a probe Patent
[NASA-CASE-XLA-00128] c 15 N70-37925
Space capsule Patent
[NASA-CASE-XLA-00149] c 31 N70-37938
Sandwich panel construction Patent
[NASA-CASE-XLA-00349] c 33 N70-37979
Reflector space satellite Patent
[NASA-CASE-XLA-00138] c 31 N70-37981
Variable-geometry winged reentry vehicle Patent
[NASA-CASE-XLA-00241] c 31 N70-37986
Vehicle parachute and equipment jettison system Patent
[NASA-CASE-XLA-00195] c 02 N70-38009
Landing arrangement for aerospace vehicle Patent
[NASA-CASE-XLA-00805] c 31 N70-38010
Antenna system using parasitic elements and two driven elements at 90 deg angle fed 180 deg out of phase Patent
[NASA-CASE-XLA-00414] c 07 N70-38200
Despin weight release Patent
[NASA-CASE-XLA-00679] c 15 N70-38601
Manned space station Patent
[NASA-CASE-XLA-00258] c 31 N70-38676

Missile stage separation indicator and stage initiator Patent
[NASA-CASE-XLA-00791] c 03 N70-39930
Apparatus for producing high purity silicon carbide crystals Patent
[NASA-CASE-XLA-02057] c 26 N70-40015
Miniature vibration isolator Patent
[NASA-CASE-XLA-01019] c 15 N70-40156
Aircraft instrument Patent
[NASA-CASE-XLA-00487] c 14 N70-40157
Radiation direction detector including means for compensating for photocell aging Patent
[NASA-CASE-XLA-00183] c 14 N70-40239
Passive communication satellite Patent
[NASA-CASE-XLA-00210] c 30 N70-40309
Electrostatic plasma modulator for space vehicle re-entry communication Patent
[NASA-CASE-XLA-01400] c 07 N70-41331
Micrometeoroid velocity measuring device Patent
[NASA-CASE-XLA-00495] c 14 N70-41332
Method of obtaining permanent record of surface flow phenomena Patent
[NASA-CASE-XLA-01353] c 14 N70-41366
Means for communicating through a layer of ionized gases Patent
[NASA-CASE-XLA-01127] c 07 N70-41372
Quick release separation mechanism Patent
[NASA-CASE-XLA-01441] c 15 N70-41679
Flexible wing deployment device Patent
[NASA-CASE-XLA-01220] c 02 N70-41863
Self-sealing, unbonded, rocket motor nozzle closure Patent
[NASA-CASE-XLA-02651] c 28 N70-41967
Fatigue testing device Patent
[NASA-CASE-XLA-02131] c 32 N70-42003
Techniques for insulating cryogenic fuel containers Patent
[NASA-CASE-XLA-01967] c 31 N70-42015
Double hinged flap Patent
[NASA-CASE-XLA-01290] c 02 N70-42016
Spacecraft separation system for spinning vehicles and/or payloads Patent
[NASA-CASE-XLA-02132] c 31 N71-10582
Method for molding compounds Patent
[NASA-CASE-XLA-01091] c 15 N71-10672
Automatic force measuring system Patent
[NASA-CASE-XLA-02605] c 14 N71-10773
Gas analyzer for bi-gaseous mixtures Patent
[NASA-CASE-XLA-01131] c 14 N71-10774
Multiple input radio receiver Patent
[NASA-CASE-XLA-00901] c 07 N71-10775
Rotating space station simulator Patent
[NASA-CASE-XLA-03127] c 11 N71-10776
Composite powerplant and shroud therefor Patent
[NASA-CASE-XLA-01043] c 28 N71-10780
All-directional fastener Patent
[NASA-CASE-XLA-01807] c 15 N71-10799
Hot air ballon deceleration and recovery system Patent
[NASA-CASE-XLA-06824-2] c 02 N71-11037
Control for flexible parawing Patent
[NASA-CASE-XLA-06958] c 02 N71-11038
Variable sweep aircraft Patent
[NASA-CASE-XLA-03659] c 02 N71-11041
Translating horizontal tail Patent
[NASA-CASE-XLA-08801-1] c 02 N71-11043
Space suit pressure stabilizer Patent
[NASA-CASE-XLA-05332] c 05 N71-11194
Equipotential space suit Patent
[NASA-CASE-LAR-10007-1] c 05 N71-11195
Recovery of potable water from human wastes in below-G conditions Patent
[NASA-CASE-XLA-03213] c 05 N71-11207
Process for interfacial polymerization of pyromellitic dianhydride and 1,2,4, 5-tetraamino-benzene Patent
[NASA-CASE-XLA-03104] c 06 N71-11235
Imidazopyrrolone/imide copolymers Patent
[NASA-CASE-XLA-08802] c 06 N71-11238
Adaptive compression of communication signals Patent
[NASA-CASE-XLA-03076] c 07 N71-11266
Reentry communication by material addition Patent
[NASA-CASE-XLA-01552] c 07 N71-11284
Cooperative Doppler radar system Patent
[NASA-CASE-LAR-10403] c 21 N71-11766
Supersonic aircraft Patent
[NASA-CASE-XLA-04451] c 02 N71-12243
Umbilical disconnect Patent
[NASA-CASE-XLA-00711] c 03 N71-12258
Remote controlled tubular disconnect Patent
[NASA-CASE-XLA-01396] c 03 N71-12259
Backpack carrier Patent
[NASA-CASE-LAR-10056] c 05 N71-12351
Optical communications system Patent
[NASA-CASE-XLA-01090] c 07 N71-12389

Analog to digital converter Patent
[NASA-CASE-XLA-00670] c 08 N71-12501
Integrated time shared instrumentation display Patent
[NASA-CASE-XLA-01952] c 08 N71-12507
SCR blocking pulse gate amplifier Patent
[NASA-CASE-XLA-07497] c 09 N71-12514
Minimum induced drag airfoil body Patent
[NASA-CASE-XLA-00755] c 01 N71-13410
Minimum induced drag airfoil body Patent
[NASA-CASE-XLA-05828] c 01 N71-13411
Mechanical stability augmentation system Patent
[NASA-CASE-XLA-06339] c 02 N71-13422
Automatic balancing device Patent
[NASA-CASE-LAR-10774] c 10 N71-13545
Quick release connector Patent
[NASA-CASE-XLA-01141] c 15 N71-13789
Spacecraft experiment pointing and attitude control system Patent
[NASA-CASE-XLA-05464] c 21 N71-14132
Pressurized cell micrometeoroid detector Patent
[NASA-CASE-XLA-00936] c 14 N71-14996
Crossed-field MHD plasma generator/ accelerator Patent
[NASA-CASE-XLA-03374] c 25 N71-15562
Adjustable attitude guide device Patent
[NASA-CASE-XLA-07911] c 15 N71-15571
Control system for rocket vehicles Patent
[NASA-CASE-XLA-01163] c 21 N71-15582
Excessive temperature warning system Patent
[NASA-CASE-XLA-01926] c 14 N71-15620
Alleviation of divergence during rocket launch Patent
[NASA-CASE-XLA-00256] c 31 N71-15663
Space capsule Patent
[NASA-CASE-XLA-01332] c 31 N71-15664
Variable geometry manned orbital vehicle Patent
[NASA-CASE-XLA-03691] c 31 N71-15674
Payload/burned-out motor case separation system Patent
[NASA-CASE-XLA-05369] c 31 N71-15687
Velocity package Patent
[NASA-CASE-XLA-01339] c 31 N71-15692
File card marker Patent
[NASA-CASE-XLA-02705] c 08 N71-15908
Hypersonic test facility Patent
[NASA-CASE-XLA-00378] c 11 N71-15925
Test unit free-flight suspension system Patent
[NASA-CASE-XLA-00939] c 11 N71-15926
Reduced gravity simulator Patent
[NASA-CASE-XLA-01787] c 11 N71-16028
Method of coating carbonaceous base to prevent oxidation destruction and coated base Patent
[NASA-CASE-XLA-00284] c 15 N71-16075
Method of coating carbonaceous base to prevent oxidation destruction and coated base Patent
[NASA-CASE-XLA-00302] c 15 N71-16077
Separator Patent
[NASA-CASE-XLA-00415] c 15 N71-16079
Omnidirectional multiple impact landing system Patent
[NASA-CASE-XLA-09881] c 31 N71-16085
Flexible ring slosh damping baffle Patent
[NASA-CASE-LAR-10317-1] c 32 N71-16103
Buoyant anti-slosh system Patent
[NASA-CASE-XLA-04605] c 32 N71-16106
Detector panels-micrometeoroid impact Patent
[NASA-CASE-XLA-05906] c 31 N71-16221
Wind velocity probing device and method Patent
[NASA-CASE-XLA-02081] c 20 N71-16281
Vibrating structure displacement measuring instrument Patent
[NASA-CASE-XLA-03135] c 32 N71-16428
Viscous-pendulum-damper Patent
[NASA-CASE-XLA-02079] c 12 N71-16894
Leak detector Patent
[NASA-CASE-LAR-10323-1] c 12 N71-17573
Logic AND gate for fluid circuits Patent
[NASA-CASE-XLA-07391] c 12 N71-17579
Contour surveying system Patent
[NASA-CASE-XLA-08646] c 14 N71-17586
Cable arrangement for rigid tethering Patent
[NASA-CASE-XLA-02332] c 32 N71-17609
Thermal pump-compressor for space use Patent
[NASA-CASE-XLA-00377] c 33 N71-17610
Viscous pendulum damper Patent
[NASA-CASE-LAR-10274-1] c 14 N71-17626
Self supporting space vehicle Patent
[NASA-CASE-XLA-00117] c 31 N71-17680
Technique for control of free-flight rocket vehicles Patent
[NASA-CASE-XLA-00937] c 31 N71-17691
Hydraulic grip Patent
[NASA-CASE-XLA-05100] c 15 N71-17696
Heat protection apparatus Patent
[NASA-CASE-XLA-00892] c 33 N71-17897
Thermopile vacuum gage tube simulator Patent
[NASA-CASE-XLA-02758] c 14 N71-18481

Ionization vacuum gauge with all but the end of the ion collector shielded Patent
[NASA-CASE-XLA-07424] c 14 N71-18482
Safe-arm initiator Patent
[NASA-CASE-LAR-10372] c 09 N71-18599
Controlled glass bead peening Patent
[NASA-CASE-XLA-07390] c 15 N71-18616
Exclusive-Or digital logic module Patent
[NASA-CASE-XLA-07732] c 08 N71-18751
Slosh alleviator Patent
[NASA-CASE-XLA-05749] c 15 N71-19569
G conditioning suit Patent
[NASA-CASE-XLA-02898] c 05 N71-20268
Dosimeter for high levels of absorbed radiation Patent
[NASA-CASE-XLA-03645] c 14 N71-20430
Flow field simulation Patent
[NASA-CASE-LAR-11138] c 12 N71-20436
Variable pulse width multiplier Patent
[NASA-CASE-XLA-02850] c 09 N71-20447
Means for measuring the electron density gradients of the plasma sheath formed around a space vehicle Patent
[NASA-CASE-XLA-06232] c 25 N71-20563
Null device for hand controller Patent
[NASA-CASE-XLA-01808] c 15 N71-20740
Event recorder Patent
[NASA-CASE-XLA-01832] c 14 N71-21006
Inflatable support structure Patent
[NASA-CASE-XLA-01731] c 32 N71-21045
Fast opening diaphragm Patent
[NASA-CASE-XLA-03660] c 15 N71-21060
Ellipsograph for pantograph Patent
[NASA-CASE-XLA-03102] c 14 N71-21079
Random function tracer Patent
[NASA-CASE-XLA-01401] c 15 N71-21179
Method and apparatus for bonding a plastics sleeve onto a metallic body Patent
[NASA-CASE-XLA-01262] c 15 N71-21404
Hypersonic test facility Patent
[NASA-CASE-XLA-05378] c 11 N71-21475
Multilegged support system Patent
[NASA-CASE-XLA-01326] c 11 N71-21481
Nacelle afterbody for jet engines Patent
[NASA-CASE-XLA-10450] c 28 N71-21493
Canister closing device Patent
[NASA-CASE-XLA-01446] c 15 N71-21528
Ablation sensor Patent
[NASA-CASE-XLA-01794] c 33 N71-21586
Self-repeating plasma generator having communicating annular and linear arc discharge passages Patent
[NASA-CASE-XLA-03103] c 25 N71-21693
Attitude control and damping system for spacecraft Patent
[NASA-CASE-XLA-02551] c 21 N71-21708
Method of making inflatable honeycomb Patent
[NASA-CASE-XLA-03492] c 15 N71-22713
Lunar penetrometer Patent
[NASA-CASE-XLA-00934] c 14 N71-22765
Thermal control wall panel Patent
[NASA-CASE-XLA-01243] c 33 N71-22792
Attitude sensor for space vehicles Patent
[NASA-CASE-XLA-00793] c 21 N71-22880
Omnidirectional microwave spacecraft antenna Patent
[NASA-CASE-XLA-03114] c 09 N71-22888
Thermal control panel Patent
[NASA-CASE-XLA-07728] c 33 N71-22890
Spacecraft airlock Patent
[NASA-CASE-XLA-02050] c 31 N71-22968
Station keeping of a gravity gradient stabilized satellite Patent
[NASA-CASE-XLA-03132] c 31 N71-22969
Semi-linear ball bearing Patent
[NASA-CASE-XLA-02809] c 15 N71-22982
Heat sensing instrument Patent
[NASA-CASE-XLA-01551] c 14 N71-22989
Ablation sensor Patent
[NASA-CASE-XLA-01791] c 14 N71-22991
Self-calibrating displacement transducer Patent
[NASA-CASE-XLA-00781] c 09 N71-22999
Lateral displacement system for separated rocket stages Patent
[NASA-CASE-XLA-04804] c 31 N71-23008
Thermal control coating Patent
[NASA-CASE-XLA-01995] c 18 N71-23047
Method of making an inflatable panel Patent
[NASA-CASE-XLA-03497] c 15 N71-23052
Variable duration pulse integrator Patent
[NASA-CASE-XLA-01219] c 10 N71-23084
Impact energy absorber Patent
[NASA-CASE-XLA-01530] c 14 N71-23092
Micrometeoroid penetration measuring device Patent
[NASA-CASE-XLA-00941] c 14 N71-23240
Combined optical attitude and altitude indicating instrument Patent
[NASA-CASE-XLA-01907] c 14 N71-23268
Solar sensor having coarse and fine sensing with matched preirradiated cells and method of selecting cells Patent
[NASA-CASE-XLA-01584] c 14 N71-23269
Variable width pulse integrator Patent
[NASA-CASE-XLA-03356] c 10 N71-23315
Leading edge curvature based on convective heating Patent
[NASA-CASE-XLA-01486] c 01 N71-23497
Measurement of time differences between luminous events Patent
[NASA-CASE-XLA-01987] c 23 N71-23976
Method for measuring the characteristics of a gas Patent
[NASA-CASE-XLA-03375] c 16 N71-24074
Laser grating interferometer Patent
[NASA-CASE-XLA-04295] c 16 N71-24170
Automatic fatigue test temperature programmer Patent
[NASA-CASE-XLA-02059] c 33 N71-24276
Ring wing tension vehicle Patent
[NASA-CASE-XLA-04901] c 31 N71-24315
Process for applying black coating to metals Patent
[NASA-CASE-XLA-06199] c 15 N71-24875
Velocity limiting safety system Patent
[NASA-CASE-XLA-07473] c 15 N71-24895
Strain coupled servo control system Patent
[NASA-CASE-XLA-08530] c 32 N71-25360
Method of temperature compensating semiconductor strain gages Patent
[NASA-CASE-XLA-04555-1] c 14 N71-25892
Method for improving the signal-to-noise ratio of the Wheatstone bridge type bolometer Patent
[NASA-CASE-XLA-02810] c 14 N71-25901
Method of plating copper on aluminum Patent
[NASA-CASE-XLA-08966-1] c 17 N71-25903
Laser calibrator Patent
[NASA-CASE-XLA-03410] c 16 N71-25914
Thermal protection ablation spray system Patent
[NASA-CASE-XLA-04251] c 18 N71-26100
Direct tilt control system Patent
[NASA-CASE-LAR-10249-1] c 02 N71-26110
Light shield and infrared reflector for fatigue testing Patent
[NASA-CASE-XLA-01782] c 14 N71-26136
Dual resonant cavity absorption cell Patent
[NASA-CASE-LAR-10305] c 14 N71-26137
Resilience testing device Patent
[NASA-CASE-XLA-08254] c 14 N71-26161
Precipitation detector Patent
[NASA-CASE-XLA-02619] c 10 N71-26334
Instrument for measuring the dynamic behavior of liquids Patent
[NASA-CASE-XLA-05541] c 12 N71-26387
Arbitrarily shaped model survey system Patent
[NASA-CASE-LAR-10098] c 32 N71-26681
Dielectric molding apparatus Patent
[NASA-CASE-LAR-10121-1] c 15 N71-26721
Method of making a solid propellant rocket motor Patent
[NASA-CASE-XLA-04126] c 28 N71-26779
Dynamic vibration absorber Patent
[NASA-CASE-LAR-10083-1] c 15 N71-27006
Rate augmented digital to analog converter Patent
[NASA-CASE-XLA-07828] c 08 N71-27057
High speed flight vehicle control Patent
[NASA-CASE-XLA-08967] c 02 N71-27088
Suspended mass impact damper Patent
[NASA-CASE-LAR-10193-1] c 15 N71-27146
Active vibration isolator for flexible bodies Patent
[NASA-CASE-LAR-10106-1] c 15 N71-27169
Soldering device Patent
[NASA-CASE-XLA-08911] c 15 N71-27214
Fringe counter for interferometers Patent
[NASA-CASE-LAR-10204] c 14 N71-27215
Wideband VCO with high phase stability Patent
[NASA-CASE-XLA-03893] c 10 N71-27271
Plural position switch status and operativeness checker Patent
[NASA-CASE-XLA-08799] c 10 N71-27272
Angular displacement indicating gas bearing support system Patent
[NASA-CASE-XLA-09346] c 15 N71-28740
Solid state thermal control polymer coating Patent
[NASA-CASE-XLA-01745] c 33 N71-28903
Specialized halogen generator for purification of water Patent
[NASA-CASE-XLA-08913] c 14 N71-28933
Antenna design for surface wave suppression Patent
[NASA-CASE-XLA-10772] c 07 N71-28980
Analog to digital converter tester Patent
[NASA-CASE-XLA-06713] c 14 N71-28991
Method of making pressurized panel Patent
[NASA-CASE-XLA-08916] c 15 N71-29018
Maksutov spectrograph Patent
[NASA-CASE-XLA-10402] c 14 N71-29041
Two component bearing Patent
[NASA-CASE-XLA-00013] c 15 N71-29136
Digital pulse width selection circuit Patent
[NASA-CASE-XLA-07788] c 09 N71-29139
Magnetically controlled plasma accelerator Patent
[NASA-CASE-XLA-00327] c 25 N71-29184
Boring bar drive mechanism Patent
[NASA-CASE-XLA-03661] c 15 N71-33518
Wind tunnel model damper Patent
[NASA-CASE-XLA-09480] c 11 N71-33612
Variable geometry rotor system
[NASA-CASE-LAR-10557] c 02 N72-11018
Flared tube strainer
[NASA-CASE-XLA-05056] c 15 N72-11389
Impact measuring technique
[NASA-CASE-LAR-10913] c 14 N72-16282
Technique of duplicating fragile core
[NASA-CASE-XLA-07829] c 15 N72-16329
Tube fabricating process
[NASA-CASE-LAR-10203-1] c 15 N72-16330
Air bearing
[NASA-CASE-WLP-10002] c 15 N72-17451
Extensometer frame
[NASA-CASE-XLA-10322] c 15 N72-17452
Split range transducer
[NASA-CASE-XLA-11189] c 10 N72-20222
Stereo photomicrography system
[NASA-CASE-LAR-10176-1] c 14 N72-20380
Radar calibration sphere
[NASA-CASE-XLA-11154] c 07 N72-21117
Recorder using selective noise filter
[NASA-CASE-ERC-10112] c 07 N72-21119
Stacked array of omnidirectional antennas
[NASA-CASE-LAR-10545-1] c 09 N72-21244
Electro-mechanical sine/cosine generator
[NASA-CASE-LAR-10503-1] c 09 N72-21248
Lathe tool bit and holder for machining fiberglass materials
[NASA-CASE-XLA-10470] c 15 N72-21489
Pressure operated electrical switch responsive to a pressure decrease after a pressure increase
[NASA-CASE-LAR-10137-1] c 09 N72-22204
Variable geometry wind tunnels
[NASA-CASE-XLA-07430] c 11 N72-22246
Magnifying scratch gage force transducer
[NASA-CASE-LAR-10496-1] c 14 N72-22437
Star image motion compensator
[NASA-CASE-LAR-10523-1] c 14 N72-22444
Absolute focus lock for microscopes
[NASA-CASE-LAR-10184] c 14 N72-22445
Cryogenic feedthrough
[NASA-CASE-LAR-10031] c 15 N72-22484
A technique for breaking ice in the path of a ship
[NASA-CASE-LAR-10815-1] c 16 N72-22520
One hand backpack harness
[NASA-CASE-LAR-10102-1] c 05 N72-23085
Method and apparatus for mapping the sensitivity of the face of a photodetector specifically a PMT
[NASA-CASE-LAR-10320-1] c 09 N72-23172
Omnidirectional slot antenna for mounting on cylindrical space vehicle
[NASA-CASE-LAR-10163-1] c 09 N72-25247
Hall effect transducer
[NASA-CASE-LAR-10620-1] c 09 N72-25255
Radio frequency filter device
[NASA-CASE-XLA-02609] c 09 N72-25256
Parametric amplifiers with idler circuit feedback
[NASA-CASE-LAR-10253-1] c 09 N72-25258
Variable angle tube holder
[NASA-CASE-LAR-10507-1] c 11 N72-25284
Low mass truss structure
[NASA-CASE-LAR-10546-1] c 11 N72-25287
Liquid waste feed system
[NASA-CASE-LAR-10365-1] c 05 N72-27102
Microcircuit negative cutter
[NASA-CASE-XLA-09843] c 15 N72-27485
Light regulator
[NASA-CASE-LAR-10836-1] c 26 N72-27784
Linear explosive comparison
[NASA-CASE-LAR-10800-1] c 33 N72-27959
Spherical measurement device
[NASA-CASE-XLA-06683] c 14 N72-28436
Method of making semiconductor p-n junction stress and strain sensor
[NASA-CASE-XLA-04980-2] c 14 N72-28438
Screened circuit capacitors
[NASA-CASE-LAR-10294-1] c 26 N72-28762
Deposition apparatus
[NASA-CASE-LAR-10541-1] c 15 N72-32487
Lift balancing device
[NASA-CASE-LAR-10348-1] c 11 N73-12264
Air removal device
[NASA-CASE-XLA-08914] c 15 N73-12492
Nondestructive spot test method for titanium and titanium alloys
[NASA-CASE-LAR-10539-1] c 17 N73-12547

Logical function generator
[NASA-CASE-XLA-05099] c 09 N73-13209
Ferry system
[NASA-CASE-LAR-10574-1] c 11 N73-13257
Flow velocity and directional instrument
[NASA-CASE-LAR-10855-1] c 14 N73-13415
Vortex breech high pressure gas generator
[NASA-CASE-LAR-10549-1] c 31 N73-13898
Butt welder for fine gauge tungsten/rhenium thermocouple wire
[NASA-CASE-LAR-10103-1] c 15 N73-14468
Method of detecting oxygen in a gas
[NASA-CASE-LAR-10668-1] c 06 N73-16106
Combustion detector
[NASA-CASE-LAR-10739-1] c 14 N73-16484
Laser communication system for controlling several functions at a location remote to the laser
[NASA-CASE-LAR-10311-1] c 16 N73-16536
Apparatus for photographing meteors
[NASA-CASE-LAR-10226-1] c 14 N73-19419
Zero gravity liquid mixer
[NASA-CASE-LAR-10195-1] c 15 N73-19458
Rate data encoder
[NASA-CASE-LAR-10128-1] c 08 N73-20217
Function generator for synthesizing complex vibration mode patterns
[NASA-CASE-LAR-10310-1] c 10 N73-20253
Infrared horizon locator
[NASA-CASE-LAR-10726-1] c 14 N73-20475
Light intensity strain analysis
[NASA-CASE-LAR-10765-1] c 32 N73-20740
Apparatus and method for generating large mass flow of high temperature air at hypersonic speeds
[NASA-CASE-LAR-10578-1] c 12 N73-25262
Cable restraint
[NASA-CASE-LAR-10129-1] c 15 N73-25512
Electronic strain-level counter
[NASA-CASE-LAR-10756-1] c 32 N73-26910
Nondestructive spot test method for magnesium and magnesium alloys
[NASA-CASE-LAR-10953-1] c 17 N73-27446
Ablation article and method
[NASA-CASE-LAR-10439-1] c 33 N73-27796
Apparatus and method for generating large mass flow of high temperature air at hypersonic speeds
[NASA-CASE-LAR-10612-1] c 12 N73-28144
Pressurized panel
[NASA-CASE-XLA-08916-2] c 14 N73-28487
Apparatus for aiding a pilot in avoiding a midair collision between aircraft
[NASA-CASE-LAR-10717-1] c 21 N73-30641
Exposure interlock for oscilloscope cameras
[NASA-CASE-LAR-10319-1] c 14 N73-32322
Meteoroid detector
[NASA-CASE-LAR-10483-1] c 14 N73-32327
Lightweight, variable solidity knitted parachute fabric
[NASA-CASE-LAR-10776-1] c 02 N74-10034
Technique for extending the frequency range of digital dividers
[NASA-CASE-LAR-10730-1] c 33 N74-10223
Fluid pressure amplifier and system
[NASA-CASE-LAR-10868-1] c 33 N74-11050
Method of making pressure tight seal for super alloy
[NASA-CASE-LAR-10170-1] c 37 N74-11301
System for calibrating pressure transducer
[NASA-CASE-LAR-10910-1] c 35 N74-13132
Molding process for imidazopyrrolone polymers
[NASA-CASE-LAR-10547-1] c 31 N74-13177
Lyophilized spore dispenser
[NASA-CASE-LAR-10544-1] c 37 N74-13178
Transmitting and reflecting diffuser
[NASA-CASE-LAR-10385-2] c 70 N74-13436
Evacuated displacement compression molding
[NASA-CASE-LAR-10782-1] c 31 N74-14133
Modification of one man life raft
[NASA-CASE-LAR-10241-1] c 54 N74-14845
Attitude sensor
[NASA-CASE-LAR-10586-1] c 19 N74-15089
Mossbauer spectrometer radiation detector
[NASA-CASE-LAR-11155-1] c 35 N74-15091
In situ transfer standard for ultrahigh vacuum gage calibration
[NASA-CASE-LAR-10862-1] c 35 N74-15092
Dual measurement ablation sensor
[NASA-CASE-LAR-10105-1] c 34 N74-15652
Ejectable underwater sound source recovery assembly
[NASA-CASE-LAR-10595-1] c 35 N74-16135
Wind tunnel model and method
[NASA-CASE-LAR-10812-1] c 09 N74-17955
High field CdS detector for infrared radiation
[NASA-CASE-LAR-11027-1] c 35 N74-18088
Method of fabricating an article with cavities
[NASA-CASE-LAR-10318-1] c 31 N74-18089
Apparatus for remote handling of materials
[NASA-CASE-LAR-10634-1] c 37 N74-18123
Method for compression molding of thermosetting plastics utilizing a temperature gradient across the plastic to cure the article
[NASA-CASE-LAR-10489-1] c 31 N74-18124
Method for determining thermo-physical properties of specimens
[NASA-CASE-LAR-11053-1] c 25 N74-18551
Anti-buckling fatigue test assembly
[NASA-CASE-LAR-10426-1] c 09 N74-19528
Reefing system
[NASA-CASE-LAR-10129-2] c 37 N74-20063
A synchronous binary array divider
[NASA-CASE-ERC-10180-1] c 60 N74-20836
Orbital and entry tracking accessory for globes
[NASA-CASE-LAR-10626-1] c 19 N74-21015
Digital controller for a Baum folding machine
[NASA-CASE-LAR-10688-1] c 37 N74-21056
Totally confined explosive welding
[NASA-CASE-LAR-10941-1] c 37 N74-21057
Method of fabricating an object with a thin wall having a precisely shaped slit
[NASA-CASE-LAR-10409-1] c 31 N74-21059
Deployable pressurized cell structure for a micrometeoroid detector
[NASA-CASE-LAR-10295-1] c 35 N74-21062
Means for accommodating large overstrain in lead wires
[NASA-CASE-LAR-10168-1] c 33 N74-22865
Bonded joint and method
[NASA-CASE-LAR-10900-1] c 37 N74-23064
Light shield and cooling apparatus
[NASA-CASE-LAR-10089-1] c 34 N74-23066
Method of laminating structural members
[NASA-CASE-XLA-11028-1] c 24 N74-27035
Rocket having barium release system to create ion clouds in the upper atmosphere
[NASA-CASE-LAR-10670-2] c 15 N74-27360
Apparatus for inserting and removing specimens from high temperature vacuum furnaces
[NASA-CASE-LAR-10841-1] c 31 N74-27900
Grinding arrangement for ball nose milling cutters
[NASA-CASE-LAR-10450-1] c 37 N74-27905
Method of repairing discontinuity in fiberglass structures
[NASA-CASE-LAR-10416-1] c 24 N74-30001
Deployable flexible ventral fins for use as an emergency spin recovery device in aircraft
[NASA-CASE-LAR-10753-1] c 08 N74-30421
Apparatus for applying simulator g-forces to an arm of an aircraft simulator pilot
[NASA-CASE-LAR-10550-1] c 09 N74-30597
Centrifugal lyophobic separator
[NASA-CASE-LAR-10194-1] c 34 N74-30608
Variably positioned guide vanes for aerodynamic choking
[NASA-CASE-LAR-10642-1] c 07 N74-31270
Noise suppressor
[NASA-CASE-LAR-11141-1] c 07 N74-32418
Measuring probe position recorder
[NASA-CASE-LAR-10806-1] c 35 N74-32877
Stagnation pressure probe
[NASA-CASE-LAR-11139-1] c 35 N74-32878
Molding apparatus
[NASA-CASE-LAR-10489-2] c 31 N74-32920
Remote fire stack igniter
[NASA-CASE-MFS-21675-1] c 25 N74-33378
Open tube guideway for high speed air cushioned vehicles
[NASA-CASE-LAR-10256-1] c 85 N74-34672
Fast scan control for deflection type mass spectrometers
[NASA-CASE-LAR-11428-1] c 35 N74-34857
Apparatus for microbiological sampling
[NASA-CASE-LAR-11069-1] c 35 N75-12272
Method of making an explosively welded scarf joint
[NASA-CASE-LAR-11211-1] c 37 N75-12326
Determining particle density using known material Hugeniot curves
[NASA-CASE-LAR-11059-1] c 76 N75-12810
Method for making conductors for ferrite memory arrays
[NASA-CASE-LAR-10994-1] c 24 N75-13032
Evacuated, displacement compression mold
[NASA-CASE-LAR-10782-2] c 31 N75-13111
Automatic inoculating apparatus
[NASA-CASE-LAR-11074-1] c 51 N75-13502
Automatic focus control for facsimile cameras
[NASA-CASE-LAR-11213-1] c 35 N75-15014
Kinesthetic control simulator
[NASA-CASE-LAR-10276-1] c 09 N75-15662
Electrostatic measurement system
[NASA-CASE-MFS-22129-1] c 33 N75-18477
Automatic liquid inventory collecting and dispensing unit
[NASA-CASE-LAR-11071-1] c 35 N75-19611
Vacuum leak detector
[NASA-CASE-LAR-11237-1] c 35 N75-19612
Spectrometer integrated with a facsimile camera
[NASA-CASE-LAR-11207-1] c 35 N75-19613
Instrumentation for measurement of aircraft noise and sonic boom
[NASA-CASE-LAR-11173-1] c 35 N75-19614
Laser head for simultaneous optical pumping of several dye lasers
[NASA-CASE-LAR-11341-1] c 36 N75-19655
High lift aircraft
[NASA-CASE-LAR-11252-1] c 05 N75-25914
Vapor phase growth of groups 3-5 compounds by hydrogen chloride transport of the elements
[NASA-CASE-LAR-11144-1] c 25 N75-26043
Resonant waveguide stark cell
[NASA-CASE-LAR-11352-1] c 33 N75-26245
Fluid control apparatus and method
[NASA-CASE-LAR-11110-1] c 34 N75-26282
Electrolytic cell structure
[NASA-CASE-LAR-11042-1] c 33 N75-27252
Automatic microbial transfer device
[NASA-CASE-LAR-11354-1] c 35 N75-27330
Polyimide adhesives
[NASA-CASE-LAR-11397-1] c 27 N75-29263
Bonding method in the manufacture of continuous regression rate sensor devices
[NASA-CASE-LAR-10337-1] c 24 N75-30260
Meteoroid impact position locator aid for manned space station
[NASA-CASE-LAR-10629-1] c 35 N75-33367
Measurement of gas production of microorganisms
[NASA-CASE-LAR-11326-1] c 35 N75-33368
Self-supporting strain transducer
[NASA-CASE-LAR-11263-1] c 35 N75-33369
Annular momentum control device used for stabilization of space vehicles and the like
[NASA-CASE-LAR-11051-1] c 15 N76-14158
Multichannel logarithmic RF level detector
[NASA-CASE-LAR-11021-1] c 32 N76-14321
Turnstile and flared cone UHF antenna
[NASA-CASE-LAR-10970-1] c 33 N76-14372
Static pressure probe
[NASA-CASE-LAR-11552-1] c 35 N76-14429
Horn antenna having V-shaped corrugated slots
[NASA-CASE-LAR-11112-1] c 32 N76-15330
Ultrasonic calibration device
[NASA-CASE-LAR-11435-1] c 35 N76-15432
Deploy/release system
[NASA-CASE-LAR-11575-1] c 02 N76-16014
Clock setter
[NASA-CASE-LAR-11458-1] c 35 N76-16392
Heat exchanger system and method
[NASA-CASE-LAR-10799-2] c 34 N76-17317
Stack plume visualization system
[NASA-CASE-LAR-11675-1] c 45 N76-17656
Cascade plug nozzle
[NASA-CASE-LAR-11674-1] c 07 N76-18117
Exhaust flow deflector
[NASA-CASE-LAR-11570-1] c 34 N76-18364
Method and apparatus for tensile testing of metal foil
[NASA-CASE-LAR-10208-1] c 35 N76-18400
Method and apparatus for fluffing, separating, and cleaning fibers
[NASA-CASE-LAR-11224-1] c 37 N76-18456
Therapeutic hand exerciser
[NASA-CASE-LAR-11667-1] c 52 N76-19785
Magnetic heading reference
[NASA-CASE-LAR-11387-1] c 04 N76-20114
Apparatus for positioning modular components on a vertical or overhead surface
[NASA-CASE-LAR-11465-1] c 37 N76-21554
Airfoil shape for flight at subsonic speeds
[NASA-CASE-LAR-10585-1] c 02 N76-22154
Particulate and aerosol detector
[NASA-CASE-LAR-11434-1] c 35 N76-22509
High temperature strain gage calibration fixture
[NASA-CASE-LAR-11500-1] c 35 N76-24523
Vacuum pressure molding technique
[NASA-CASE-LAR-10073-1] c 37 N76-24575
Instrumentation for measuring aircraft noise and sonic boom
[NASA-CASE-LAR-11476-1] c 07 N76-27232
Connector
[NASA-CASE-LAR-11709-1] c 37 N76-27567
Capillary flow weld-bonding
[NASA-CASE-LAR-11726-1] c 37 N76-27568
Detector absorptivity measuring method and apparatus
[NASA-CASE-LAR-10907-1] c 35 N76-29551
Method for detecting pollutants
[NASA-CASE-LAR-11405-1] c 45 N76-31714
Wingtip vortex dissipator for aircraft
[NASA-CASE-LAR-11645-1] c 02 N77-10001
Casting propellant in rocket engine
[NASA-CASE-LAR-11995-1] c 28 N77-10213

Photocapacitive image converter
[NASA-CASE-LAR-12513-1] c 44 N82-32841
Pulsed phase locked loop strain monitor
[NASA-CASE-LAR-12772-1] c 33 N83-16626
Ampoule sealing apparatus and process
[NASA-CASE-LAR-12847-1] c 33 N83-16633
Sound shield
[NASA-CASE-LAR-12883-1] c 71 N83-17235
Modified spiral wound retaining ring
[NASA-CASE-LAR-12361-1] c 37 N83-19091
Miniature spectrally selective dosimeter
[NASA-CASE-LAR-12469-1] c 35 N83-21311
Aeroelastic instability stoppers for wind tunnel models
[NASA-CASE-LAR-12458-1] c 44 N83-21503
Aeroelastic instability stoppers for wind tunnel models
[NASA-CASE-LAR-12720-1] c 44 N83-21504
Pyroelectric detector arrays
[NASA-CASE-LAR-12363-2] c 33 N83-24763
Elastomer toughened polyimide adhesives
[NASA-CASE-LAR-12775-1] c 27 N83-28240
Solar driven liquid metal MHD power generator
[NASA-CASE-LAR-12495-1] c 44 N83-28573
Stirling cycle cryogenic cooler
[US-PATENT-4,389,849] c 44 N83-28574
Instrument for determining coincidence and elapse time between independent sources of random sequential events
[NASA-CASE-LAR-12531-1] c 35 N83-29651
Flow resistivity instrument
[NASA-CASE-LAR-13053-1] c 43 N83-29783
Vibration isolation and pressure compensation apparatus for sensitive instrumentation
[NASA-CASE-LAR-12728-1] c 35 N83-32026
Fixture for environmental exposure of structural materials under compression load
[NASA-CASE-LAR-12602-1] c 39 N83-32081
Polyphenylquinoxalines containing pendant phenylethynyl and ethynyl groups
[NASA-CASE-LAR-12838-1] c 27 N83-34040
Solvent resistant thermoplastic aromatic poly(imidesulfone) and process for preparing same
[NASA-CASE-LAR-12858-1] c 27 N83-34041
Heating and cooling system
[NASA-CASE-LAR-12393-1] c 34 N83-34221
Variable anodic thermal control coating
[NASA-CASE-LAR-12719-1] c 44 N83-34449
Explosively activated egress area
[NASA-CASE-LAR-12624-1] c 01 N83-35992
Error correction method and apparatus for electronic timepieces
[NASA-CASE-LAR-12654-1] c 33 N83-36357
Family of airfoil shapes for rotating blades
[NASA-CASE-LAR-12843-1] c 02 N84-11136
Metal matrix composite structural panel construction
[NASA-CASE-LAR-12807-1] c 24 N84-11214
Solar powered aircraft
[NASA-CASE-LAR-12615-1] c 05 N84-12154
Low energy electron magnetometer using a monoenergetic electron beam
[NASA-CASE-LAR-12706-1] c 35 N84-12444
Ride quality meter
[NASA-CASE-LAR-12882-1] c 35 N84-12445
Vertical shaft windmill
[NASA-CASE-LAR-12923-1] c 37 N84-12493
Magnetic heading reference
[NASA-CASE-LAR-12638-1] c 04 N84-14132
Hot melt recharge system
[NASA-CASE-LAR-12881-1] c 27 N84-14323
Self-correcting electronically scanned pressure sensor
[NASA-CASE-LAR-12686-1] c 35 N84-14491
Apparatus and method for jet noise suppression
[NASA-CASE-LAR-11903-2] c 71 N84-14873
Missile rolling tail brake torque system
[NASA-CASE-LAR-12751-1] c 15 N84-16231
Rotary target V-block
[NASA-CASE-LAR-12007-3] c 35 N84-16523
Solar pumped laser
[NASA-CASE-LAR-12870-1] c 36 N84-16542
Powder fed sheared dispersal particle generator
[NASA-CASE-LAR-12785-1] c 37 N84-16561
Slotted variable camber flap
[NASA-CASE-LAR-12541-1] c 05 N84-22551
Thermoset-thermoplastic aromatic polyamide containing N-propargyl groups
[NASA-CASE-LAR-12723-2] c 27 N84-22746
Ethynyl and substituted ethynyl-terminated polysulfones
[NASA-CASE-LAR-12931-1] c 27 N84-22747
Polyphenylene ethers with imide linking groups
[NASA-CASE-LAR-12980-1] c 27 N84-22749
Ultrasonic transducer with Gaussian radial pressure distribution
[NASA-CASE-LAR-12967-1] c 35 N84-22932
Acoustic ground impedance meter
[NASA-CASE-LAR-12995-1] c 35 N84-22933
Photoelectrochemical cells including chalcogenophosphate photoelectrodes
[NASA-CASE-LAR-12958-1] c 44 N84-23019
Heads up display
[NASA-CASE-LAR-12630-1] c 06 N84-27733
Shell tile thermal protection system
[NASA-CASE-LAR-12862-1] c 27 N84-27886
Strain gage calibration
[NASA-CASE-LAR-12743-1] c 35 N84-28019
Directional gear ratio transmissions
[NASA-CASE-LAR-12644-1] c 37 N84-28084
Tubing and cable cutting tool
[NASA-CASE-LAR-12786-1] c 37 N84-28085
Radionuclide counting technique for measuring wind velocity and direction
[NASA-CASE-LAR-12971-1] c 47 N84-28292
Medical clip
[NASA-CASE-LAR-12650-1] c 52 N84-28388
Process of making medical clip
[NASA-CASE-LAR-12650-2] c 52 N84-28389
Shapes for rotating airfoils
[NASA-CASE-LAR-12396-1] c 02 N84-28732
A system for controlling the oxygen content of a gas produced by combustion
[NASA-CASE-LAR-13257-1] c 25 N84-32447
Helicopter anti-torque system using strakes
[NASA-CASE-LAR-13233-1] c 05 N84-33400
Curved cap corrugated sheet
[NASA-CASE-LAR-12884-1] c 18 N84-33450
Model mount system for testing flutter
[NASA-CASE-LAR-12950-1] c 09 N84-34448
Process for improving mechanical properties of epoxy resins by addition of cobalt ions
[NASA-CASE-LAR-13230-1] c 24 N84-34571
Leading edge flap system for aircraft control augmentation
[NASA-CASE-LAR-12787-2] c 08 N85-19985
Thermoset-thermoplastic aromatic polyamide containing N-propargyl groups
[NASA-CASE-LAR-12723-1] c 27 N85-20123
Process for preparing solvent resistant, thermoplastic aromatic poly(imidesulfone)
[NASA-CASE-LAR-12858-2] c 27 N85-20124
Hot melt adhesive attachment pad
[NASA-CASE-LAR-12894-1] c 27 N85-20125
Miniature electrooptical air flow sensor
[NASA-CASE-LAR-13065-1] c 35 N85-20295
Extended moment arm anti-spin device
[NASA-CASE-LAR-12979-1] c 05 N85-21147
Continuous laminar smoke generator
[NASA-CASE-LAR-13014-1] c 09 N85-21178
Elastomer toughened polyimide adhesives
[NASA-CASE-LAR-12775-2] c 27 N85-21349
Heat pipe cooled probe
[NASA-CASE-LAR-12588-1] c 34 N85-21568
Reusable thermal cycling clamp
[NASA-CASE-LAR-12868-1] c 37 N85-21651
Phenoxy resins containing pendent ethynyl groups and cured resins obtained therefrom
[NASA-CASE-LAR-13262-1] c 23 N85-28973
Induction heating gun
[NASA-CASE-LAR-13181-1] c 31 N85-29083
Daze fasteners
[NASA-CASE-LAR-13009-1] c 37 N85-29285
Precision manipulator heating and cooling apparatus for use in UHV systems with sample transfer capability
[NASA-CASE-LAR-13040-1] c 37 N85-29286
Dual differential interferometer
[NASA-CASE-LAR-12966-1] c 35 N85-30282
Mechanical fastener
[NASA-CASE-LAR-12738-2] c 37 N85-30335
Self-locking mechanical center joint
[NASA-CASE-LAR-12864-1] c 37 N85-30336
Method for thermal monitoring subcutaneous tissue
[NASA-CASE-LAR-13028-1] c 52 N85-30618
Method for determining the point of zero zeta potential of semiconductor
[NASA-CASE-LAR-12893-1] c 76 N85-30923
Process for improving moisture resistance of epoxy resins by addition of chromium ions
[NASA-CASE-LAR-13226-1] c 27 N85-34282
Tensile testing apparatus
[NASA-CASE-LAR-13243-1] c 35 N85-34375
Wingtip vortex propeller
[NASA-CASE-LAR-13019-1] c 07 N85-35194
Dual towline spin-recovery device
[NASA-CASE-LAR-13076-1] c 08 N85-35200
Technique for measuring gas conversion factors
[NASA-CASE-LAR-13220-1] c 34 N86-12547
Aerospace vehicle
[NASA-CASE-LAR-13155-1] c 05 N86-19310
Process of end-capping a polyimide system
[NASA-CASE-LAR-13135-1] c 27 N86-19456
Sequentially deployable maneuverable tetrahedral beam
[NASA-CASE-LAR-13098-1] c 31 N86-19479
High temperature polyimide film laminates and process for preparation thereof
[NASA-CASE-LAR-13384-1] c 27 N86-20561
Auto covariance computer
[NASA-CASE-LAR-12968-1] c 60 N86-21154
Ultrasonic angle beam standard reflector
[NASA-CASE-LAR-13153-1] c 71 N86-21276
Ethynyl and substituted ethynyl-terminated polysulfones
[NASA-CASE-LAR-12931-2] c 27 N86-21675
Drop foot corrective device
[NASA-CASE-LAR-12259-2] c 54 N86-22112
Poly(carbonate-imide) polymer
[NASA-CASE-LAR-13292-1] c 27 N86-24841
Synchronously deployable truss structure
[NASA-CASE-LAR-13117-1] c 37 N86-25789
Latching mechanism for deployable/re-stowable columns useful in satellite construction
[NASA-CASE-LAR-13169-1] c 37 N86-25791
Aircraft liftmeter
[NASA-CASE-LAR-12518-1] c 06 N86-27280
Sulfone-ester polymers containing pendent ethynyl groups
[NASA-CASE-LAR-13316-1] c 27 N86-27450
Optimized bolted joint
[NASA-CASE-LAR-13250-1] c 37 N86-27630
Process for preparing essentially colorless polyimide film containing phenoxy-linked diamines
[NASA-CASE-LAR-13353-1] c 27 N86-29039
Nebulization reflux concentrator
[NASA-CASE-LAR-13254-1CU] c 35 N86-29174
Long gain length solar pumped box laser
[NASA-CASE-LAR-13256-1] c 36 N86-29204
Process for preparing highly optically transparent/colorless aromatic polyimide film
[NASA-CASE-LAR-13351-1] c 27 N86-31727
Polyarylene ethers with improved properties
[NASA-CASE-LAR-13555-1] c 23 N86-32526
Remotely controllable mixing system
[NASA-CASE-MFS-28153-1] c 31 N86-32589
Two-axis, self-nulling skin friction balance
[NASA-CASE-LAR-13294-1] c 35 N86-32696
Deployable M-braced truss structure
[NASA-CASE-LAR-13081-1] c 37 N86-32737
Remote pivot decoupler pylon: Wing/store flutter suppressor
[NASA-CASE-LAR-13173-1] c 05 N87-14314
The 5-(4-Ethynylophenoxy) isophthalic chloride
[NASA-CASE-LAR-13316-2] c 27 N87-14515
Acetylene (ethynyl) terminated polyimide siloxane and process for preparation thereof
[NASA-CASE-LAR-13318-1] c 27 N87-14516
Double reference pulsed phase locked loop
[NASA-CASE-LAR-13310-1] c 32 N87-14559
Vibration-free Raman Doppler velocimeter
[NASA-CASE-LAR-13268-1] c 35 N87-14669
Geometries for roughness shapes in laminar flow
[NASA-CASE-LAR-13255-1] c 02 N87-16793
Over-the-wing propeller
[NASA-CASE-LAR-13134-2] c 07 N87-16828
Single frequency multitransmitter telemetry
[NASA-CASE-LAR-13006-1] c 17 N87-16863
Ethynyl terminated ester oligomers and polymers therefrom
[NASA-CASE-LAR-13118-2] c 27 N87-16907
Airplane automatic control force trimming device for asymmetric engine failures
[NASA-CASE-LAR-13280-1] c 08 N87-20999
Measurement apparatus and procedure for the determination of surface emissivities
[NASA-CASE-LAR-13455-1] c 32 N87-21206
Comparator with noise suppression
[NASA-CASE-LAR-13151-1] c 33 N87-21235
Acoustic guide for noise-transmission testing of aircraft
[NASA-CASE-LAR-13111-1-CU] c 71 N87-21652
Acoustic radiation stress measurement
[NASA-CASE-LAR-13440-1] c 71 N87-21653
Aircraft control position indicator
[NASA-CASE-LAR-12984-1] c 06 N87-22678
Polyenamines from aromatic diacetylenic diketones and diamines
[NASA-CASE-LAR-13444-1-CU] c 27 N87-22847
Process for crosslinking and extending conjugated diene-containing polymers
[NASA-CASE-LAR-13452-1] c 27 N87-22848
Daze fasteners
[NASA-CASE-LAR-13009-2] c 37 N87-22976
Apparatus and procedure to detect a liquid-solid interface during crystal growth in a bridgman furnace
[NASA-CASE-LAR-13597-1-CU] c 25 N87-23713
Rapid quantification of an internal property
[NASA-CASE-LAR-13689-1-NP] c 35 N87-23941
Adjustable mount for electro-optic transducers in an evacuated cryogenic system
[NASA-CASE-LAR-13100-1] c 37 N87-23982

Fully redundant mechanical release actuator
[NASA-CASE-LAR-13198-1] c 37 N87-23983
Polyimides containing carbonyl and ether connecting groups
[NASA-CASE-LAR-13633-1] c 27 N87-24575
Airfoil flutter model suspension system
[NASA-CASE-LAR-13522-1-SB] c 09 N87-25334
Oxygen diffusion barrier coating
[NASA-CASE-LAR-13474-1-SB] c 26 N87-25455
Process for developing crystallinity in linear aromatic polyimides
[NASA-CASE-LAR-13732-1] c 27 N87-25474
Deployable geodesic truss structure
[NASA-CASE-LAR-13113-1] c 31 N87-25492
Miniature remote dead weight calibrator
[NASA-CASE-LAR-13564-1] c 35 N87-25558
Vapor fragrancer
[NASA-CASE-LAR-13680-1] c 35 N87-25561
Preloaded space structural coupling joints
[NASA-CASE-LAR-13489-1] c 18 N87-27713
Lightweight piston
[NASA-CASE-LAR-13150-1] c 24 N87-27742
Semi-2-interpenetrating networks of high temperature systems
[NASA-CASE-LAR-13450-1] c 27 N87-28657
Flat-panel, full-color, electroluminescent display
[NASA-CASE-LAR-13407-1] c 33 N87-28831
Device for quick changeover between wind tunnel force and pressure testing
[NASA-CASE-LAR-13512-1] c 35 N87-28884
Mobile remote manipulator vehicle system
[NASA-CASE-LAR-13393-1] c 54 N87-29118
Procedure to prepare transparent silica gels
[NASA-CASE-LAR-13476-1-CU] c 76 N87-29360
Braille reading system
[NASA-CASE-LAR-13306-1] c 82 N87-29372
Space vehicle thermal rejection system
[NASA-CASE-LAR-13738-1] c 18 N87-29586
Elevated temperature aluminum alloys
[NASA-CASE-LAR-13632-1] c 26 N87-29650
Combined riblet and lebu drag reduction system
[NASA-CASE-LAR-13286-1] c 02 N88-14071
Lightning discharge protection rod
[NASA-CASE-LAR-13470-1] c 03 N88-14083
Tool and process for miniature explosive joining of tubes
[NASA-CASE-LAR-13662-1] c 37 N88-14359
Device for measuring hole elongation in a bolted joint
[NASA-CASE-LAR-13453-1] c 37 N88-14361
Polyether-polyester graft copolymer
[NASA-CASE-LAR-13447-1] c 27 N88-18725
Crossflow vorticity sensor
[NASA-CASE-LAR-13436-1-CU] c 02 N88-23759
Multi-body aircraft with an all-movable center fuselage actively controlling fuselage pressure drag
[NASA-CASE-LAR-13511-1] c 05 N88-23765
Helicopter anti-torque system using fuselage strakes
[NASA-CASE-LAR-13630-1] c 08 N88-23809
Space spider crane
[NASA-CASE-LAR-13411-1-SB] c 18 N88-23828
Arc lamp power supply using a voltage multiplier
[NASA-CASE-LAR-13202-1] c 33 N88-23942
Mining volume measurement system
[NASA-CASE-LAR-13519-1] c 35 N88-23963
Bearing-bypass material system test
[NASA-CASE-LAR-13458-1] c 35 N88-23967
Composite piston
[NASA-CASE-LAR-13435-1] c 37 N88-23981
Variable response load limiting device
[NASA-CASE-LAR-12801-1] c 37 N88-23982
Radio Frequency (RF) strain monitor
[NASA-CASE-LAR-13705-1] c 39 N88-25011
Phase length optical phase-locked-loop sensor
[NASA-CASE-LAR-13387-1] c 74 N88-25302
Method and device for determining heats of combustion of gaseous hydrocarbons
[NASA-CASE-LAR-13528-1] c 25 N88-29002
Ice detector
[NASA-CASE-LAR-13776-1] c 35 N88-29149
Liquid thickness gauge
[NASA-CASE-LAR-13826-1] c 35 N88-29150
Method of attaching strain gauges to various materials
[NASA-CASE-LAR-13797-1] c 35 N88-30108
Ultrasonic method and apparatus for determining crack opening load
[NASA-CASE-LAR-13889-1] c 39 N88-30160
Control surface actuator
[NASA-CASE-LAR-12852-1] c 05 N89-11738
Polyphenylquinoxalines via aromatic nucleophilic displacement
[NASA-CASE-LAR-13988-1] c 23 N89-11814
Method for laminar boundary layer transition visualization in flight
[NASA-CASE-LAR-13554-1] c 02 N89-12551
Polyenamines from aromatic diacetylenic diketones and diamines
[NASA-CASE-LAR-13444-2-CU] c 23 N89-12667
Cryogenic insulation system
[NASA-CASE-LAR-13506-1] c 27 N89-12741
Truss-core corrugation for compressive loads
[NASA-CASE-LAR-13438-1] c 31 N89-12786
Porous plug for reducing orifice induced pressure error in airfoils
[NASA-CASE-LAR-13569-1] c 35 N89-12841
Pultrusion die assembly
[NASA-CASE-LAR-13719-1] c 37 N89-12867
High lift, low pitching moment airfoils
[NASA-CASE-LAR-13215-1] c 02 N89-14224
Polyphenylquinoxalines containing alkylenedioxy groups
[NASA-CASE-LAR-13601-1-CU] c 27 N89-14337
Frequency domain laser velocimeter signal processor
[NASA-CASE-LAR-13552-1-CU] c 33 N89-14385
Ultrasonic depth gauge for liquids under high pressure
[NASA-CASE-LAR-13300-1-CU] c 35 N89-14407
Pressure measuring probe
[NASA-CASE-LAR-13853-1] c 35 N89-14423
Method and system for monitoring and displaying engine performance parameters
[NASA-CASE-LAR-14049-1] c 07 N89-23466
Antenna surface contour control system
[NASA-CASE-LAR-13798-1] c 32 N89-25363
Aluminum alloy
[NASA-CASE-LAR-13924-1-CU] c 26 N89-28621
Almond test body
[NASA-CASE-LAR-13747-1-CU] c 32 N89-28672
Method and circuit for shaping laser output pulses
[NASA-CASE-LAR-14203-1] c 36 N89-28817
Novel polyimide compositions based on 4,4'-Isophthaloyldiphthalic anaydride (IDPA)
[NASA-CASE-LAR-14194-1] c 24 N90-15148
Ignitability test method and apparatus
[NASA-CASE-LAR-13996-1-SB] c 25 N90-15161
Wet spinning of solid polyamic acid fibers
[NASA-CASE-LAR-14162-1] c 27 N90-15259
A two-stage earth-to-orbit transport with translating oblique wings for booster recovery
[NASA-CASE-LAR-14156-1] c 16 N90-16781
Copolyimide with a combination of flexibilizing groups
[NASA-CASE-LAR-13821-1] c 27 N90-16950
Skin friction balance
[NASA-CASE-LAR-13710-1] c 35 N90-17117
Dual-fuel, dual-mode rocket engine
[NASA-CASE-LAR-13773-1] c 20 N90-19298
Method for maintaining precise suction strip porosities
[NASA-CASE-LAR-13638-1] c 31 N90-19427
Method and apparatus for detecting laminar flow separation and reattachment
[NASA-CASE-LAR-13952-1-SB] c 34 N90-19534
Compression pylon
[NASA-CASE-LAR-13777-1] c 05 N90-20078
Passive venting technique for shallow cavities
[NASA-CASE-LAR-14031-1] c 05 N90-20079
Airplane takeoff and landing performance monitoring system
[NASA-CASE-LAR-13734-1-CU] c 09 N90-20096
Isotope exchange in oxide-containing catalyst
[NASA-CASE-LAR-13542-2-SB] c 25 N90-20154
Process for making a noble metal on tin oxide catalyst
[NASA-CASE-LAR-13741-1-SB] c 25 N90-20160
Electronic precipitator control
[NASA-CASE-LAR-13273-2] c 33 N90-20320
Reusable high-temperature heat pipes and heat pipe panels
[NASA-CASE-LAR-13761-1] c 34 N90-20323
Tensile film clamps and mounting block for the rheovibron and autovibron viscoelastometer
[NASA-CASE-LAR-13696-1] c 37 N90-20409
Bis(4-(3,4-dimethylenepyrrolidyl)-phenyl) methane
[NASA-CASE-LAR-13965-1-CU] c 23 N90-21118
Magneto acoustic emission apparatus for testing materials for embrittlement
[NASA-CASE-LAR-13817-1] c 26 N90-21170
Process for crosslinking methylene-containing aromatic polymers with ionizing radiation
[NASA-CASE-LAR-13448-1] c 27 N90-21198
Pressure rig for repetitive casting
[NASA-CASE-LAR-14050-1] c 31 N90-21216
Rapidly quantifying the relative distention of a human bladder
[NASA-CASE-LAR-13901-1-NP] c 52 N90-21519
Impact tolerant material
[NASA-CASE-LAR-12887-3] c 24 N90-21822
Device for quickly sensing the amount of O2 in a combustion product gas
[NASA-CASE-LAR-13816-1] c 35 N90-22025
Lightweight piston architecture
[NASA-CASE-LAR-13926-1] c 37 N90-22042
Earth-to-orbit vehicle providing a reusable orbital stage
[NASA-CASE-LAR-13486-1] c 16 N90-22584
Quantitative surface temperature measurement using two-color thermographic phosphors and video equipment
[NASA-CASE-LAR-13740-1] c 35 N90-22770
Actuated forebody strakes
[NASA-CASE-LAR-13983-1] c 05 N90-23390
Catalyst for carbon monoxide oxidation
[NASA-CASE-LAR-14155-1-SB] c 25 N90-23517
Nonintrusive method and apparatus for monitoring the cure of polymeric materials
[NASA-CASE-LAR-13465-1] c 27 N90-23544
Acetylene terminated aspartimides and resins therefrom
[NASA-CASE-LAR-14188-1] c 27 N90-23545
Process for lowering the dielectric constant of polyimides using diamic acid additives
[NASA-CASE-LAR-13902-1] c 27 N90-23546
Circumferential pressure probe
[NASA-CASE-LAR-13775-1] c 35 N90-23706
Miniaturization of flight deflection measurement system
[NASA-CASE-LAR-13628-1] c 35 N90-23707
Real-time simulation clock
[NASA-CASE-LAR-14056-1] c 35 N90-23713
Cable suspended windmill
[NASA-CASE-LAR-13434-1] c 37 N90-23742
Method of radiographic inspection of wooden members
[NASA-CASE-LAR-13724-1] c 38 N90-23756
Method and apparatus for determining optical absorption and emission characteristics of a crystal or non-crystalline fiber
[NASA-CASE-LAR-13963-1] c 76 N90-24150
Method of forming a multiple layer dielectric and a hot film sensor therewith
[NASA-CASE-LAR-13678-1] c 76 N90-24168
Seamless metal-clad fiber-reinforced organic matrix composite structures and process for their manufacture
[NASA-CASE-LAR-13562-1] c 24 N90-25196
Method of insetting predesigned disbond areas into composite laminates
[NASA-CASE-LAR-13225-1] c 24 N90-25197
A tough performance simultaneous semi-interpenetrating polymer network
[NASA-CASE-LAR-14339-1] c 27 N90-26955
Aromatic polyimides containing a dimethylsilane-linked dianhydride
[NASA-CASE-LAR-14198-1] c 27 N90-26956
Hydrodynamic skin-friction reduction
[NASA-CASE-LAR-14078-1-CU] c 34 N90-27071
Suspension mechanism and method
[NASA-CASE-LAR-14142-1] c 37 N90-27116
Polymer/riblet combination for hydrodynamic skin friction reduction
[NASA-CASE-LAR-14271-1-CU] c 27 N91-13558
Tissue simulating gel for medical research
[NASA-CASE-LAR-14036-1] c 27 N91-13562
Real-time dynamic holographic image storage device
[NASA-CASE-LAR-13989-1] c 35 N91-13694
Wingtip vortex turbine
[NASA-CASE-LAR-14116-1] c 05 N91-14345
Electro-optical spin measurement system
[NASA-CASE-LAR-13629-1] c 09 N91-14356
Method and apparatus for determining time, direction, and composition of impacting space particles
[NASA-CASE-LAR-13392-1-CU] c 19 N91-14412
Bis (4-(3,4-dimethylene-pyrrolidyl)-phenyl) methane
[NASA-CASE-LAR-13965-2-CU] c 23 N91-14418
N-(3-ethynylphenyl)maleimide
[NASA-CASE-LAR-14188-2] c 23 N91-14419
Delamination test apparatus and method
[NASA-CASE-LAR-13985-1] c 24 N91-14430
Active control of boundary layer transition and turbulence
[NASA-CASE-LAR-13532-1] c 34 N91-14562
Thermal compensating mount
[NASA-CASE-LAR-14207-1] c 35 N91-14590
Mechanical end joint system for connecting structural column elements
[NASA-CASE-LAR-14465-1] c 37 N91-14614
Spiral lead platen robotic end effector
[NASA-CASE-LAR-13855-1] c 37 N91-14615
Processable polyimide adhesive and matrix composite resin
[NASA-CASE-LAR-14101-1] c 27 N91-15403
Clevis joint for deployable space structures
[NASA-CASE-LAR-13898-1] c 37 N91-15544
Torsional suspension system for testing space structures
[NASA-CASE-LAR-14149-1-SB] c 14 N91-21176
Catalyst for carbon monoxide oxidation
[NASA-CASE-LAR-14155-2-SB] c 25 N91-21270
Heat tube device
[NASA-CASE-KSC-11395-1-CU] c 34 N91-21473
Single element magnetic suspension actuator
[NASA-CASE-LAR-13981-1] c 37 N91-21539

Mechanical strain isolator mount
[NASA-CASE-LAR-13580-1] c 37 N91-21541

Permanent magnet flux-biased magnetic actuator with flux feedback
[NASA-CASE-LAR-13785-1] c 70 N91-21824

Enhanced single layer multi-color or luminescent display with coactivators
[NASA-CASE-LAR-14181-1] c 76 N91-21911

Passive laminar flow control of crossflow vorticity
[NASA-CASE-LAR-13563-1] c 34 N91-23410

Process for the manufacture of seamless metal-clad fiber-reinforced organic matrix composite structures
[NASA-CASE-LAR-13562-2] c 24 N91-25199

Preparing composite materials from matrices of processable aromatic polyimide thermoplastic blends
[NASA-CASE-LAR-14107-1] c 24 N91-25200

Selectable towline spin chute system
[NASA-CASE-LAR-14322-1] c 02 N91-27139

Passive venting technique for shallow cavities
[NASA-CASE-LAR-13875-1] c 05 N91-27156

Synchronously deployable double fold beam and planar truss structure
[NASA-CASE-LAR-13490-1] c 18 N91-27199

Low dielectric fluorinated poly(phenylene ether ketone) film and coating
[NASA-CASE-LAR-13992-1-CU] c 23 N91-27220

Wet spinning of solid polyamic acid fibers
[NASA-CASE-LAR-14489-1] c 37 N91-27562

Sound attenuation apparatus
[NASA-CASE-LAR-13968-1] c 71 N91-27913

Method and apparatus for characterizing reflected ultrasonic pulses
[NASA-CASE-LAR-13966-1] c 71 N91-27914

Slow positron beam generator for lifetime studies
[NASA-CASE-LAR-14250-1-SB] c 72 N91-27936

Airplane takeoff and landing performance monitoring system
[NASA-CASE-LAR-13854-1-CU] c 04 N91-31120

Rotatable non-circular forebody flow controller
[NASA-CASE-LAR-14212-1-CU] c 05 N91-31140

Ethynyl terminated imidothioethers and resins therefrom
[NASA-CASE-LAR-13910-2-CU] c 27 N91-31307

Apparatus and method for explosive bonding to edge of flyer plate
[NASA-CASE-LAR-14096-1] c 31 N91-31476

Method and apparatus for detecting laminar flow separation and reattachment
[NASA-CASE-LAR-13952-2-SB] c 34 N91-31596

Single layer multi-color luminescent display
[NASA-CASE-LAR-13616-1] c 74 N91-31950

Ignitability test method and apparatus
[NASA-CASE-LAR-14454-1] c 25 N91-32196

Process for application of powder particles to filamentary materials
[NASA-CASE-LAR-14231-1] c 24 N92-10070

A process for preparing 1,3-diamino-5-pentafluorosulfanylbenzene and polymers therefrom
[NASA-CASE-LAR-14773-1-CU] c 27 N92-10105

Dual strain gage balance system for measuring light loads
[NASA-CASE-LAR-14419-1] c 35 N92-10185

A process for preparing an assembly of an article and a polyimide which resists dimensional change, delamination, and debonding when exposed to changes in temperature
[NASA-CASE-LAR-14538-1] c 27 N92-11201

Rapidly quantifying the relative distention of a human bladder
[NASA-CASE-LAR-13901-2] c 52 N92-11621

Processing for maximizing the level of crystallinity in linear aromatic polyimides
[NASA-CASE-LAR-14481-1] c 25 N92-16043

Permanent wire splicing by an explosive joining process
[NASA-CASE-LAR-13825-1] c 31 N92-16162

Birefringent filter design
[NASA-CASE-LAR-13887-1] c 36 N92-16290

Substantially oxygen-free contact tube
[NASA-CASE-LAR-14169-1] c 37 N92-17677

Passive control of pressure loads using porosity
[NASA-CASE-LAR-14547-1] c 34 N92-17909

Water cooled static pressure probe
[NASA-CASE-LAR-14340-1-CU] c 35 N92-21586

Serrated trailing edges for improving lift and drag characteristics of lifting surfaces
[NASA-CASE-LAR-13870-1-CU] c 05 N92-21587

Multi-colored layers for visualizing aerodynamic flow effects
[NASA-CASE-LAR-13742-1] c 02 N92-21588

Thermal remote anemometer system
[NASA-CASE-LAR-13508-1] c 35 N92-21710

Semi-interpenetrating polymer network for tougher and more microcracking resistant high temperature polymers
[NASA-CASE-LAR-13925-1] c 27 N92-21711

Tough, high performance, addition-type thermoplastic polymers
[NASA-CASE-LAR-14346-1] c 27 N92-22044

Natural flow wing
[NASA-CASE-LAR-14281-1] c 02 N92-28729

Polyimidazoles via aromatic nucleophilic displacement
[NASA-CASE-LAR-14145-1] c 27 N92-28751

Heat exchanger with oscillating flow
[NASA-CASE-LAR-14033-1] c 34 N92-28752

Method and apparatus for using magneto-acoustic remanence to determine embrittlement
[NASA-CASE-LAR-13817-5] c 39 N92-28757

Pressure transducer and system for cryogenic environments
[NASA-CASE-LAR-14579-1] c 35 N92-29097

Magnetic remanence method and apparatus to test materials for embrittlement
[NASA-CASE-LAR-13817-4] c 39 N92-29101

Non-mechanical optical path switching and its application to dual beam spectroscopy including gas filter correlation radiometry
[NASA-CASE-LAR-14588-1-CU] c 74 N92-29117

Poly(1,3,4-oxadiazoles) via aromatic nucleophilic displacement
[NASA-CASE-LAR-14427-1] c 23 N92-29141

Magneto acoustic emission method for testing materials for embrittlement
[NASA-CASE-LAR-13817-2] c 39 N92-29155

Polyimide processing additives
[NASA-CASE-LAR-13669-1] c 27 N92-29157

Single layer multi-color luminescent display and method of making
[NASA-CASE-LAR-13616-3] c 74 N92-29158

Method and apparatus for thermographically and quantitatively analyzing a structure for disbonds and/or inclusions
[NASA-CASE-LAR-14559-1] c 38 N92-29829

Aerodynamic design optimization using sensitivity analysis and computational fluid dynamics
[NASA-CASE-LAR-14815-1-CU] c 34 N92-29830

Multiresponse imager and imaging process for improved resolution
[NASA-CASE-LAR-14779-1] c 74 N92-29951

Polybenzimidazoles via aromatic nucleophilic displacement
[NASA-CASE-LAR-14643-1] c 27 N92-29953

Converting a CO2 atmosphere to a high-purity O2 supply
[NASA-CASE-LAR-14398-1] c 25 N92-30098

Apparatus for elevated temperature compression or tension testing of specimens
[NASA-CASE-LAR-14775-1] c 39 N92-30099

Storage control system
[NASA-CASE-LAR-14651-1] c 82 N92-30386

Control and augmentation of passive porosity through transpiration control
[NASA-CASE-LAR-14682-1] c 34 N92-30387

Printer port interface
[NASA-CASE-LAR-13950-1] c 60 N92-30541

Flexible heating head for induction heating apparatus and method
[NASA-CASE-LAR-14679-2] c 32 N92-31150

Method and circuit for controlling the evolution time interval of a laser output pulse
[NASA-CASE-LAR-13772-1] c 36 N92-31788

Imide/arylene ether copolymers
[NASA-CASE-LAR-14159-1-CU] c 27 N92-31792

Polyimides with carbonyl and ether connecting groups between the aromatic rings
[NASA-CASE-LAR-14001-1] c 27 N92-33008

Integrated launch and emergency vehicle system
[NASA-CASE-LAR-13780-1] c 18 N92-33013

Polyimide molding powder, coating, adhesive, and matrix resin
[NASA-CASE-LAR-14163-1] c 27 N92-33014

Methyl substituted polyimides containing carbonyl and ether connecting groups
[NASA-CASE-LAR-14351-1] c 27 N92-33015

Passive fetal monitoring sensor
[NASA-CASE-LAR-14088-1-CU] c 35 N92-33016

High temperature fiber optic microphone having a pressure-sensing reflective membrane under tensile stress
[NASA-CASE-LAR-14402-1-CU] c 74 N92-33017

Flush mounting of thin film sensors
[NASA-CASE-LAR-14446-1] c 31 N92-33020

Vacuum-isolation vessel and method for measurement of thermal noise in microphones
[NASA-CASE-LAR-14567-1-CU] c 33 N92-33021

Noncircular rolling joints for vibrational reduction in slewing maneuvers
[NASA-CASE-LAR-14515-1-CU] c 37 N92-33031

Acoustophoresis method and apparatus
[NASA-CASE-LAR-13388-1] c 25 N92-33611

Vaporizing particle velocimeter
[NASA-CASE-LAR-14685-1] c 02 N92-34172

Linear mass actuator
[NASA-CASE-LAR-14352-1] c 37 N92-34173

Method of recertifying a loaded bearing member
[NASA-CASE-LAR-14168-1] c 39 N92-34174

Method of remotely characterizing thermal properties of a sample
[NASA-CASE-LAR-13508-3-CU] c 09 N93-11057

Semi-interpenetrating polymer network for tougher and more microcracking resistant high temperature polymers
[NASA-CASE-LAR-13925-2] c 27 N93-11059

Boundary layer relaminarization device
[NASA-CASE-LAR-14470-1] c 02 N93-11876

Multi-layer light-weight protective coating and method for application
[NASA-CASE-LAR-14448-1] c 27 N93-11912

Method and apparatus for evaluating multilayer objects for imperfections
[NASA-CASE-LAR-14581-1-SB] c 38 N93-12204

Compensated high temperature strain gage
[NASA-CASE-LAR-14776-1] c 35 N93-12205

A tough high performance composite matrix
[NASA-CASE-LAR-14338-1] c 24 N93-13416

Method and apparatus for minimizing multiple degree of freedom vibration transmission between two regions of a structure
[NASA-CASE-LAR-14508-1-CU] c 39 N93-13420

Method of characterizing residual stress in ferromagnetic materials using a pulse histogram of acoustic emission signals
[NASA-CASE-LAR-14239-1] c 26 N93-14705

Low toxicity high temperature PMR polyimide
[NASA-CASE-LAR-14639-1] c 27 N93-14709

Method of forming a multiple layer dielectric and a hot film sensor therewith
[NASA-CASE-LAR-13678-3] c 35 N93-14714

Rapid detection and quantification of features such as damage or flaws in composite and metallic structures
[NASA-CASE-LAR-14850-1-CU] c 38 N93-17048

An interferometer having fused optical fibers, and apparatus and method using the interferometer
[NASA-CASE-LAR-14640-1-CU] c 74 N93-17052

Performance of blasting caps
[NASA-CASE-LAR-13832-1] c 28 N93-18274

Reflection type skin friction meter
[NASA-CASE-LAR-14520-1-SB] c 02 N93-18275

Poly(1,2,4-triazole) via aromatic nucleophilic displacement
[NASA-CASE-LAR-14440-1] c 23 N93-18283

Integral fill yarn insertion and beatup method using inflatable membrane
[NASA-CASE-LAR-14046-1] c 31 N93-18857

Stall departure resistance enhancer
[NASA-CASE-LAR-14221-1] c 06 N93-19023

Numerical control fabrication technique for dynamic composite models
[NASA-CASE-LAR-14004-1] c 63 N93-19024

Method and apparatus for three dimensional braiding
[NASA-CASE-LAR-14047-1] c 31 N93-19038

Fault-tolerant fiber optic backplane
[NASA-CASE-LAR-14785-1] c 74 N93-19052

High temperature polymer from maleimide-acetylene terminated monomers
[NASA-CASE-LAR-14475-1] c 27 N93-19327

Flow rate logging seepage meter
[NASA-CASE-LAR-14835-1] c 35 N93-19328

High speed thin plate fatigue crack monitor
[NASA-CASE-LAR-14816-1-SB] c 39 N93-19329

Method and apparatus for detection and control of prelasing in a Q-switched laser
[NASA-CASE-LAR-14790-1] c 36 N93-19373

Optical fiber strain sensor with improved linearity
[NASA-CASE-LAR-14857-1-SB] c 74 N93-19374

Crosslinked polyimides prepared from N-(3-ethynylphenyl)maleimide
[NASA-CASE-LAR-14774-1] c 27 N93-19388

Multiple layer dielectrics, hot film sensors, and methods of producing same
[NASA-CASE-LAR-14591-1] c 35 N93-19493

Shuttle orbiter with telescoping main propulsion unit and payload
[NASA-CASE-LAR-13586-1] c 16 N93-20115

A method of making a single layer multi-color luminescent display
[NASA-CASE-LAR-14811-1] c 33 N93-20119

System for determining the angle of impact of an object on a structure
[NASA-CASE-LAR-14817-1] c 35 N93-20569

Acoustophoresis separation method
[NASA-CASE-LAR-13388-2] c 25 N93-20570

Swept wing attachment line contamination fence
[NASA-CASE-LAR-13400-1] c 02 N93-22015

Polyimide from bis(n-isopreny)s of aryl diamides
[NASA-CASE-LAR-14330-2-CU] c 27 N93-22033

Method and apparatus for cleaning rubber deposits from airport runways and roadways
[NASA-CASE-LAR-14483-1] c 31 N93-22035

Off-surface infrared flow visualization
[NASA-CASE-LAR-14568-1] c 74 N93-22037
Blind fastening apparatus
[NASA-CASE-LAR-14542-1] c 37 N93-22384
Continuous fiber thermoplastic prepreg
[NASA-CASE-LAR-14459-1] c 24 N93-24597
Suspension device for low-frequency structures
[NASA-CASE-LAR-14272-1-CU] c 14 N93-24598
Fiber optic microphone having a pressure sensing reflective membrane and a voltage source for calibration purpose
[NASA-CASE-LAR-14402-2-CU] c 71 N93-24602
Process for bonding elastomers to metals
[NASA-CASE-LAR-13645-1] c 27 N93-25995
Nozzle diffuser for use with an open test section of a wind tunnel
[NASA-CASE-LAR-14424-1-SB] c 09 N93-25996
Polyimides with improved compression moldability
[NASA-CASE-LAR-14457-1] c 27 N93-25997
Helicopter low-speed yaw control
[NASA-CASE-LAR-14219-1] c 08 N93-25998
Polyimides containing the cyclobutene-3,4-dione moiety
[NASA-CASE-LAR-14753-1] c 27 N93-25999
Method of measuring cross-flow vortices by use of an array of hot-film sensors
[NASA-CASE-LAR-14824-1-SB] c 34 N93-26000
Vacuum powder injector and method of impregnating fiber with powder
[NASA-CASE-LAR-14179-1] c 31 N93-26101
Methods of determining loads and fiber orientations in anisotropic non-crystalline materials using energy flux deviation
[NASA-CASE-LAR-14399-1] c 39 N93-26102
Method of encouraging attention by correlating video game difficulty with attention level
[NASA-CASE-LAR-15022-1] c 53 N93-28128
Polyimides prepared from 3,5-diamino benzo trifluoride
[NASA-CASE-LAR-14206-1] c 27 N93-29083
Constant frequency pulsed phase-locked loop measuring device
[NASA-CASE-LAR-13823-1] c 35 N93-29084
Diphenylmethane-containing dianhydride and polyimides prepared therefrom
[NASA-CASE-LAR-14487-1] c 27 N93-29085
Single acting translation/rotational brake
[NASA-CASE-LAR-14738-1] c 37 N93-29175
Process to prepare 1,3-diamino-5-pentafluorosulfanylbenzene
[NASA-CASE-LAR-14773-2-CU] c 25 N93-29506
Method and apparatus for weaving a woven angle ply fabric
[NASA-CASE-LAR-14048-1] c 31 N93-29611
Method of continuously determining crack length
[NASA-CASE-LAR-14480-1-CU] c 39 N93-29612
Shear sensitive monomer-polymer laminate structure and method of using same
[NASA-CASE-LAR-14654-1-CU] c 39 N93-29613
A quality monitor and monitoring technique employing optically stimulated electron emission
[NASA-CASE-LAR-15063-1] c 38 N93-30414
Reusable cryogenic liquid rocket propellant tank
[NASA-CASE-LAR-14172-1] c 20 N93-31295
Two-stage gas measurement system
[NASA-CASE-LAR-14791-1] c 35 N93-31297
Method of recertifying a loaded bearing member using a phase point
[NASA-CASE-LAR-14741-1] c 39 N94-10671
Underwing compression vortex attenuation device
[NASA-CASE-LAR-14744-1] c 02 N94-10673
Synchronous sampling phase and amplitude detection method and apparatus
[NASA-CASE-LAR-14725-1] c 38 N94-15870
Improvements to pulsed phase locked loop strain monitor
[NASA-CASE-LAR-14887-1] c 35 N94-15877
Method and apparatus for non-destructive evaluation of composite materials with cloth surface impressions
[NASA-CASE-LAR-14535-1] c 24 N94-15878
Compounds containing meta-biphenylenedioxy moieties and polymers therefrom
[NASA-CASE-LAR-14517-1] c 27 N94-15879
Nonaqueous slip casting of high temperature ceramic superconductors using an investment casting technique
[NASA-CASE-LAR-14918-1] c 31 N94-15881
Remote tire pressure sensing technique
[NASA-CASE-LAR-14160-1] c 35 N94-15884
Reduction of parasitic lasing
[NASA-CASE-LAR-14645-1-SB] c 36 N94-15942
Shock-free supersonic elliptic nozzles and method of forming same
[NASA-CASE-LAR-14054-1] c 20 N94-15947
A device for testing cables
[NASA-CASE-LAR-14093-1] c 33 N94-15988
Method and apparatus to characterize ultrasonically reflective contrast agents
[NASA-CASE-LAR-14969-1] c 52 N94-17085
Low dielectric polyimides
[NASA-CASE-LAR-14987-2] c 27 N94-17559
Shaft mount for data coupler system
[NASA-CASE-LAR-13805-1] c 37 N94-20365
Flexible heating head for induction heating
[NASA-CASE-LAR-14418-15-B] c 32 N94-20368
Counter-balanced, multiple cable construction crane
[NASA-CASE-LAR-14565-1-CU] c 37 N94-20369
A process for preparing an assembly of an article and a soluble polyimide which resists dimensional change, delamination, and debonding when exposed to changes in temperature
[NASA-CASE-LAR-14763-1] c 27 N94-20373
Polyimides containing amide and perfluoroisopropylidene connecting groups
[NASA-CASE-LAR-14608-1] c 27 N94-20374
Improved ceramic slip casting technique
[NASA-CASE-LAR-14471-1] c 27 N94-20377
Optical fibers and Fluorosensors having improved power efficiency and methods of producing same
[NASA-CASE-LAR-14525-1-CU] c 74 N94-20378
Heat exchanger with oscillating flow
[NASA-CASE-LAR-14033-2] c 34 N94-20495
Polybenzoxazole via aromatic nucleophilic displacement
[NASA-CASE-LAR-14606-1-CU] c 23 N94-20540
Apparatus and method for improving spin recovery on aircraft
[NASA-CASE-LAR-14747-1] c 08 N94-20556
Optical fiber sensor having an active core
[NASA-CASE-LAR-14607-1-SB] c 74 N94-20586
Method for remotely powering a device such as a lunar rover
[NASA-CASE-LAR-14789-1] c 37 N94-20587
Di(hydroxyphenyl)- 1,2,4-triazole monomers
[NASA-CASE-LAR-14440-2] c 27 N94-23075
Preparing polymeric matrix composites using an aqueous slurry technique
[NASA-CASE-LAR-14771-1] c 27 N94-23076
Polyimide processing additives
[NASA-CASE-LAR-13669-2] c 27 N94-23079
Di(hydroxyphenyl)- benzimidazole monomers
[NASA-CASE-LAR-14643-2] c 27 N94-23305
Phenylethynl-terminated poly(arylene ethers)
[NASA-CASE-LAR-14797-1] c 27 N94-23307
Method of determining shear stress employing a monomer-polymer laminate structure
[NASA-CASE-LAR-14654-2] c 39 N94-23308
Low dielectric polyimide fibers
[NASA-CASE-LAR-14526-1] c 27 N94-29359
Deployable reflector structure
[NASA-CASE-LAR-14513-1-SB] c 32 N94-29360
Flux-focusing eddy current probe and method for flaw detection
[NASA-CASE-LAR-15046-1] c 38 N94-29366
Optical flameout detector
[NASA-CASE-LAR-14997-1] c 35 N94-29368
Poly(arylene ether-co-imidazole)s as toughness modifiers for epoxy resins
[NASA-CASE-LAR-15229-1-CU] c 27 N94-29451
Non-rectangular towpreg architectures
[NASA-CASE-LAR-14863-1-CU] c 24 N94-29485
Apparatus for providing a uniform, consolidated, unidirectional, continuous, fiber-reinforced polymeric material and method relating thereto
[NASA-CASE-LAR-15173-1-CU] c 24 N94-29496
Method and apparatus for indicating disbonds in joint regions
[NASA-CASE-LAR-14626-1] c 38 N94-29548
Polyimides containing the penta fluoro sulfanyl benzene moiety
[NASA-CASE-LAR-15082-1] c 23 N94-29554
Polyimides containing pendent siloxane groups
[NASA-CASE-LAR-14638-1] c 27 N94-29555
Active thermal isolation for temperature responsive sensors
[NASA-CASE-LAR-14612-1] c 34 N94-35074
Low pressure process for continuous fiber reinforced polyamic acid resin matrix composite laminates
[NASA-CASE-LAR-14954-1] c 24 N94-35075
Phenylethynyl endcapping reagents and reactive diluents
[NASA-CASE-LAR-14796-1] c 25 N94-35077
InP solar cell with window layer
[NASA-CASE-LEW-15606-1] c 44 N94-35230
Tough, processable semi-interpenetrating polymer networks from monomer reactants
[NASA-CASE-LAR-14838-1] c 27 N94-35233
Absolute calibration technique for broadband ultrasonic transducers
[NASA-CASE-LAR-14672-1] c 35 N94-35368
Method for making a dynamic pressure sensor and a pressure sensor made according to the method
[NASA-CASE-LAR-14029-1] c 35 N94-35369
Tough high performance composite matrix
[NASA-CASE-LAR-14239-2] c 24 N94-35372
Forward sweep, low noise rotor blade
[NASA-CASE-LAR-14569-1] c 05 N94-36767
Electrically conductive, thermally insulating cryogenic current leads
[NASA-CASE-LAR-14964-1-CU] c 33 N94-36781
Internally damped, self-arresting vertical drop-weight apparatus
[NASA-CASE-LAR-15003-1] c 09 N94-36826

National Aeronautics and Space Administration. Lewis Research Center, Cleveland, OH.

Foil seal
[NASA-CASE-XLE-05130] c 15 N69-21362
Fluid jet amplifier
[NASA-CASE-XLE-03512] c 12 N69-21466
Electrode and insulator with shielded dielectric junction
[NASA-CASE-XLE-03778] c 09 N69-21542
Thin window, drifted silicon, charged particle detector
[NASA-CASE-XLE-10529] c 14 N69-23191
Probes having ring and primary sensor at same potential to prevent collection of stray wall currents in ionized gases
[NASA-CASE-XLE-00690] c 25 N69-39884
Ion thrustor cathode
[NASA-CASE-XLE-07087] c 06 N69-39889
Superconducting alternator
[NASA-CASE-XLE-02824] c 03 N69-39890
Triode thermionic energy converter
[NASA-CASE-XLE-01015] c 03 N69-39898
Slug flow magnetohydrodynamic generator
[NASA-CASE-XLE-02083] c 03 N69-39983
Reduced gravity liquid configuration simulator
[NASA-CASE-XLE-02624] c 12 N69-39988
Transpiration cooled turbine blade manufactured from wires Patent
[NASA-CASE-XLE-00020] c 15 N70-33226
Rocket propellant injector Patent
[NASA-CASE-XLE-00103] c 28 N70-33241
Modification and improvements to cooled blades Patent
[NASA-CASE-XLE-00092] c 15 N70-33264
Colloid propulsion method and apparatus Patent
[NASA-CASE-XLE-00817] c 28 N70-33265
High-vacuum condenser tank for ion rocket tests Patent
[NASA-CASE-XLE-00168] c 11 N70-33278
High temperature nickel-base alloy Patent
[NASA-CASE-XLE-00151] c 17 N70-33283
Annular rocket motor and nozzle configuration Patent
[NASA-CASE-XLE-00078] c 28 N70-33284
Reinforced metallic composites Patent
[NASA-CASE-XLE-02428] c 17 N70-33288
Process for applying a protective coating for salt bath brazing Patent
[NASA-CASE-XLE-00046] c 15 N70-33311
Wire grid forming apparatus Patent
[NASA-CASE-XLE-00023] c 15 N70-33330
Electro-thermal rocket Patent
[NASA-CASE-XLE-00267] c 28 N70-33356
External liquid-spray cooling of turbine blades Patent
[NASA-CASE-XLE-00037] c 28 N70-33372
Apparatus for igniting solid propellants Patent
[NASA-CASE-XLE-00207] c 28 N70-33375
Flexible seal for valves Patent
[NASA-CASE-XLE-00101] c 15 N70-33376
Apparatus for making a metal slurry product Patent
[NASA-CASE-XLE-00010] c 15 N70-33382
Energy conversion apparatus Patent
[NASA-CASE-XLE-00212] c 03 N70-34134
Enthalpy and stagnation temperature determination of a high temperature laminar flow gas stream Patent
[NASA-CASE-XLE-00266] c 14 N70-34156
Electrothermal rockets having improved heat exchangers Patent
[NASA-CASE-XLE-01783] c 28 N70-34175
Venting vapor apparatus Patent
[NASA-CASE-XLE-00288] c 15 N70-34247
Thrust vector control apparatus Patent
[NASA-CASE-XLE-00208] c 28 N70-34294
High temperature heat source Patent
[NASA-CASE-XLE-00490] c 33 N70-34545
Inlet deflector for jet engines Patent
[NASA-CASE-XLE-00388] c 28 N70-34788
Radiant heater having formed filaments Patent
[NASA-CASE-XLE-00387] c 33 N70-34812
Optical torquemeter Patent
[NASA-CASE-XLE-00503] c 14 N70-34818
Electric propulsion engine test chamber Patent
[NASA-CASE-XLE-00252] c 11 N70-34844
Conical valve plug Patent
[NASA-CASE-XLE-00715] c 15 N70-34859

Channel-type shell construction for rocket engines and the like Patent
[NASA-CASE-XLE-00144] c 28 N70-34860
Non-reusuable kinetic energy absorber Patent
[NASA-CASE-XLE-00810] c 15 N70-34861
High temperature testing apparatus Patent
[NASA-CASE-XLE-00335] c 14 N70-35368
Ion thruster cathode Patent Application
[NASA-CASE-LEW-10814-1] c 28 N70-35422
Formed metal ribbon wrap Patent
[NASA-CASE-XLE-00164] c 15 N70-36411
Multistage multiple-reentry turbine Patent
[NASA-CASE-XLE-00170] c 15 N70-36412
Fluid coupling Patent
[NASA-CASE-XLE-00397] c 15 N70-36492
Injector-valve device Patent
[NASA-CASE-XLE-00303] c 15 N70-36535
Nickel-base alloy Patent
[NASA-CASE-XLE-00283] c 17 N70-36616
Apparatus having coaxial capacitor structure for measuring fluid density Patent
[NASA-CASE-XLE-00143] c 14 N70-36618
Rocket thrust chamber Patent
[NASA-CASE-XLE-00145] c 28 N70-36806
Ion rocket Patent
[NASA-CASE-XLE-00376] c 28 N70-37245
Annular supersonic decelerator or drogue Patent
[NASA-CASE-XLE-00222] c 02 N70-37939
Rocket engine Patent
[NASA-CASE-XLE-00342] c 28 N70-37980
Variable sweep aircraft wing Patent
[NASA-CASE-XLA-00350] c 02 N70-38011
Apparatus for transferring cryogenic liquids Patent
[NASA-CASE-XLE-00345] c 15 N70-38020
Method of producing porous tungsten ionizers for ion rocket engines Patent
[NASA-CASE-XLE-00455] c 28 N70-38197
Method of making fiber reinforced metallic composites Patent
[NASA-CASE-XLE-00231] c 17 N70-38198
Rocket engine injector Patent
[NASA-CASE-XLE-00111] c 28 N70-38199
Reinforced metallic composites Patent
[NASA-CASE-XLE-00228] c 17 N70-38490
Rocket motor system Patent
[NASA-CASE-XLE-00323] c 28 N70-38505
Particle beam measurement apparatus using beam kinetic energy to change the heat sensitive resistance of the detection probe Patent
[NASA-CASE-XLE-00243] c 14 N70-38602
Penshape exhaust nozzle for supersonic engine Patent
[NASA-CASE-XLE-00057] c 28 N70-38711
Multistage multiple-reentry turbine Patent
[NASA-CASE-XLE-00085] c 28 N70-39895
Gas lubricant compositions Patent
[NASA-CASE-XLE-00353] c 18 N70-39897
Telescoping-spike supersonic inlet for aircraft engines Patent
[NASA-CASE-XLE-00005] c 28 N70-39899
High temperature spark plug Patent
[NASA-CASE-XLE-00660] c 28 N70-39925
Low viscosity magnetic fluid obtained by the colloidal suspension of magnetic particles Patent
[NASA-CASE-XLE-01512] c 12 N70-40124
Apparatus for absorbing and measuring power Patent
[NASA-CASE-XLE-00720] c 14 N70-40201
Device for directionally controlling electromagnetic radiation Patent
[NASA-CASE-XLE-01716] c 09 N70-40234
Method for continuous variation of propellant flow and thrust in propulsive devices Patent
[NASA-CASE-XLE-00177] c 28 N70-40367
Apparatus for increasing ion engine beam density Patent
[NASA-CASE-XLE-00519] c 28 N70-41576
Foldable conduit Patent
[NASA-CASE-XLE-00620] c 32 N70-41579
Liquid storage tank venting device for zero gravity environment Patent
[NASA-CASE-XLE-01449] c 15 N70-41646
Method of making a regeneratively cooled combustion chamber Patent
[NASA-CASE-XLE-00150] c 28 N70-41818
Instrument for the quantitative measurement of radiation at multiple wave lengths Patent
[NASA-CASE-XLE-00011] c 14 N70-41946
Small rocket engine Patent
[NASA-CASE-XLE-00685] c 28 N70-41992
Apparatus for positioning and loading a test specimen Patent
[NASA-CASE-XLE-01300] c 15 N70-41993
Liquid flow sight assembly Patent
[NASA-CASE-XLE-02998] c 14 N70-42074
Inductive liquid level detection system Patent
[NASA-CASE-XLE-01609] c 14 N71-10500

Method of forming thin window drifted silicon charged particle detector Patent
[NASA-CASE-XLE-00808] c 24 N71-10560
Electrostatic thrustor with improved insulators Patent
[NASA-CASE-XLE-01902] c 28 N71-10574
Thin-walled pressure vessel Patent
[NASA-CASE-XLE-04677] c 15 N71-10577
Method of making a silicon semiconductor device Patent
[NASA-CASE-XLE-02792] c 26 N71-10607
Metallic film diffusion for boundary lubrication Patent
[NASA-CASE-XLE-01765] c 18 N71-10772
Molecular beam velocity selector Patent
[NASA-CASE-XLE-01533] c 11 N71-10777
Meteoroid sensing apparatus having a coincidence network connected to a pair of capacitors Patent
[NASA-CASE-XLE-01246] c 14 N71-10797
Capacitor and method of making same Patent
[NASA-CASE-LEW-10364-1] c 09 N71-13522
Capillary radiator Patent
[NASA-CASE-XLE-03307] c 33 N71-14035
Electrostatic ion engine having a permanent magnetic circuit Patent
[NASA-CASE-XLE-01124] c 28 N71-14043
Split welding chamber Patent
[NASA-CASE-LEW-11531] c 15 N71-14932
Method and apparatus for making curved reflectors Patent
[NASA-CASE-XLE-08917] c 15 N71-15597
Method of making a diffusion bonded refractory coating Patent
[NASA-CASE-XLE-01604-2] c 15 N71-15610
Black-body furnace Patent
[NASA-CASE-XLE-01399] c 33 N71-15625
Method of igniting solid propellants Patent
[NASA-CASE-XLE-01988] c 27 N71-15634
Fluid dispensing apparatus and method Patent
[NASA-CASE-XLE-01182] c 27 N71-15635
Automatically deploying nozzle exit cone extension Patent
[NASA-CASE-XLE-01640] c 31 N71-15637
High temperature cobalt-base alloy Patent
[NASA-CASE-XLE-00726] c 17 N71-15644
Method of making a rocket motor casing Patent
[NASA-CASE-XLE-00409] c 28 N71-15658
Rocket motor casing Patent
[NASA-CASE-XLE-05689] c 28 N71-15659
Electrostatic ion rocket engine Patent
[NASA-CASE-XLE-02066] c 28 N71-15661
High temperature cobalt-base alloy Patent
[NASA-CASE-XLE-02991] c 17 N71-16025
Nickel-base alloy containing Mo-W-Al-Cr- Ta-Zr-C-Nb-B Patent
[NASA-CASE-XLE-02082] c 17 N71-16026
Method of improving the reliability of a rolling element system Patent
[NASA-CASE-XLE-02999] c 15 N71-16052
Process of casting heavy slips Patent
[NASA-CASE-XLE-00106] c 15 N71-16076
Boiler for generating high quality vapor Patent
[NASA-CASE-XLE-00785] c 33 N71-16104
Method of making self lubricating fluoride- metal composite materials Patent
[NASA-CASE-XLE-08511-2] c 18 N71-16105
Thrust and direction control apparatus Patent
[NASA-CASE-XLE-03583] c 31 N71-17629
Linear magnetic brake with two windings Patent
[NASA-CASE-XLE-05079] c 15 N71-17652
Method of lubricating rolling element bearings Patent
[NASA-CASE-XLE-09527] c 15 N71-17688
Hot wire liquid level detector for cryogenic fluids Patent
[NASA-CASE-XLE-00454] c 23 N71-17802
Pulsed differential comparator circuit Patent
[NASA-CASE-XLE-03804] c 10 N71-19471
Foil seal Patent
[NASA-CASE-XLE-05130-2] c 15 N71-19570
Generator for a space power system Patent
[NASA-CASE-XLE-04250] c 09 N71-20446
Method of making electrical contact on silicon solar cell and resultant product Patent
[NASA-CASE-XLE-04787] c 03 N71-20492
Small plasma probe Patent
[NASA-CASE-XLE-02578] c 25 N71-20747
Combined electrolysis device and fuel cell and method of operation Patent
[NASA-CASE-XLE-01645] c 03 N71-20904
Pressure monitoring with a plurality of ionization gauges controlled at a central location Patent
[NASA-CASE-XLE-00787] c 14 N71-21090
Control of transverse instability in rocket combustors Patent
[NASA-CASE-XLE-04603] c 33 N71-21507
High voltage divider system Patent
[NASA-CASE-XLE-02008] c 09 N71-21583

Plasma device feed system Patent
[NASA-CASE-XLE-02902] c 25 N71-21694
Burning rate control of solid propellants Patent
[NASA-CASE-XLE-03494] c 27 N71-21819
Protective device for machine and metalworking tools Patent
[NASA-CASE-XLE-01092] c 15 N71-22797
Cryogenic insulation system Patent
[NASA-CASE-XLE-04222] c 23 N71-22881
Method for producing fiber reinforced metallic composites Patent
[NASA-CASE-XLE-03925] c 18 N71-22894
Thermal shock apparatus Patent
[NASA-CASE-XLE-02024] c 14 N71-22964
Arc electrode of graphite with ball tip Patent
[NASA-CASE-XLE-04788] c 09 N71-22987
Gas purged dry box glove Patent
[NASA-CASE-XLE-02531] c 05 N71-23080
Automatic recording McLeod gauge Patent
[NASA-CASE-XLE-03280] c 14 N71-23093
Electronic cathode having a brush-like structure and a relatively thick oxide emissive coating Patent
[NASA-CASE-XLE-04501] c 09 N71-23190
High temperature ferromagnetic cobalt-base alloy Patent
[NASA-CASE-XLE-03629] c 17 N71-23248
Induction furnace with perforated tungsten foil shielding Patent
[NASA-CASE-XLE-04026] c 14 N71-23267
Gd or Sm doped silicon semiconductor composition Patent
[NASA-CASE-XLE-10715] c 26 N71-23292
Protection of serially connected solar cells against open circuits by the use of shunting diode Patent
[NASA-CASE-XLE-04535] c 03 N71-23354
Superconducting alternator Patent
[NASA-CASE-XLE-02823] c 09 N71-23443
Silicon solar cell with cover glass bonded to cell by metal pattern Patent
[NASA-CASE-XLE-08569] c 03 N71-23449
Analytical test apparatus and method for determining oxide content of alkali metal Patent
[NASA-CASE-XLE-01997] c 06 N71-23527
Thermionic converter with current augmented by self induced magnetic field Patent
[NASA-CASE-XLE-01903] c 22 N71-23599
Semiconductor material and method of making same Patent
[NASA-CASE-XLE-02798] c 26 N71-23654
Insulation system Patent
[NASA-CASE-XLE-02647] c 18 N71-23658
Self-lubricating fluoride metal composite materials Patent
[NASA-CASE-XLE-08511] c 18 N71-23710
Alloys for bearings Patent
[NASA-CASE-XLE-05033] c 15 N71-23810
Extrusion die for refractory metals Patent
[NASA-CASE-XLE-06773] c 15 N71-23817
Combustion chamber Patent
[NASA-CASE-XLE-04857] c 28 N71-23968
Metallic film diffusion for boundary lubrication Patent
[NASA-CASE-XLE-10337] c 15 N71-24046
Process for producing dispersion strengthened nickel with aluminum Patent
[NASA-CASE-XLE-06969] c 17 N71-24142
Thermal radiation shielding Patent
[NASA-CASE-XLE-03432] c 33 N71-24145
Method of attaching a cover glass to a silicon solar cell Patent
[NASA-CASE-XLE-08569-2] c 03 N71-24681
Rocket engine injector Patent
[NASA-CASE-XLE-03157] c 28 N71-24736
Multialarm summary alarm Patent
[NASA-CASE-XLE-03061-1] c 10 N71-24798
Apparatus for making curved reflectors Patent
[NASA-CASE-XLE-08917-2] c 15 N71-24836
Flow angle sensor and read out system Patent
[NASA-CASE-XLE-04503] c 14 N71-24864
Shock tube powder dispersing apparatus Patent
[NASA-CASE-XLE-04946] c 17 N71-24911
Pneumatic oscillator Patent
[NASA-CASE-LEW-10345-1] c 10 N71-25899
Heat activated cell with alkali anode and alkali salt electrolyte Patent
[NASA-CASE-LEW-11358] c 03 N71-26084
Method of producing refractory composites containing tantalum carbide, hafnium carbide, and hafnium boride Patent
[NASA-CASE-XLE-03940] c 18 N71-26153
Ion beam deflector Patent
[NASA-CASE-LEW-10689-1] c 28 N71-26173
Rolling element bearings Patent
[NASA-CASE-XLE-09527-2] c 15 N71-26189
Ion thruster accelerator system Patent
[NASA-CASE-LEW-10106-1] c 28 N71-26642

Propellant feed isolator Patent
[NASA-CASE-LEW-10210-1] c 28 N71-26781
Heat activated cell Patent
[NASA-CASE-LEW-11359] c 03 N71-28579
Process for glass coating an ion accelerator grid Patent
[NASA-CASE-LEW-10278-1] c 15 N71-28582
Fluid jet amplifier Patent
[NASA-CASE-XLE-09341] c 12 N71-28741
Gas core nuclear reactor Patent
[NASA-CASE-LEW-10250-1] c 22 N71-28759
Gas turbine combustor Patent
[NASA-CASE-LEW-10286-1] c 28 N71-28915
Cyclic switch Patent
[NASA-CASE-LEW-10155-1] c 09 N71-29035
Temperature reducing coating for metals subject to flame exposure Patent
[NASA-CASE-XLE-00035] c 33 N71-29151
Liquid spray cooling method Patent
[NASA-CASE-XLE-00027] c 33 N71-29152
Turbo-machine blade vibration damper Patent
[NASA-CASE-XLE-00155] c 28 N71-29154
Corrosion resistant beryllium Patent
[NASA-CASE-LEW-10327] c 17 N71-33408
Integrated thermoelectric generator/space antenna combination
[NASA-CASE-XER-09521] c 09 N72-12136
Sensing probe
[NASA-CASE-LEW-10281-1] c 14 N72-17327
Method of making emf cell
[NASA-CASE-LEW-11359-2] c 03 N72-20034
Gaseous control system for nuclear reactors
[NASA-CASE-XLE-04599] c 22 N72-20597
Switching regulator
[NASA-CASE-LEW-11005-1] c 09 N72-21243
Saturation current protection apparatus for saturable core transformers
[NASA-CASE-ERC-10075-2] c 09 N72-22196
Pulse coupling circuit
[NASA-CASE-LEW-10433-1] c 09 N72-22197
Solid state remote circuit selector switch
[NASA-CASE-LEW-10387] c 09 N72-22201
Load-insensitive electrical device
[NASA-CASE-XER-11046] c 09 N72-22203
High speed rolling element bearing
[NASA-CASE-LEW-10856-1] c 15 N72-22490
Production of metal powders
[NASA-CASE-XLE-06461] c 17 N72-22530
Nickel bas alloy
[NASA-CASE-LEW-10874-1] c 17 N72-22535
Ion thruster magnetic field control
[NASA-CASE-LEW-10835-1] c 28 N72-22771
Electrically conductive fluorocarbon polymer
[NASA-CASE-XLE-06774-2] c 06 N72-25150
Analog Signal to Discrete Time Interval Converter (ASDTIC)
[NASA-CASE-ERC-10048] c 09 N72-25251
Controllable load insensitive power converters
[NASA-CASE-ERC-10268] c 09 N72-25252
Angular velocity and acceleration measuring apparatus
[NASA-CASE-ERC-10292] c 14 N72-25410
Electrical insulating layer process
[NASA-CASE-LEW-10489-1] c 15 N72-25447
Method for producing dispersion strengthened alloys by *converting metal to a halide, comminuting, reducing the* metal halide to the metal and sintering
[NASA-CASE-LEW-10450-1] c 15 N72-25448
Selective nickel deposition
[NASA-CASE-LEW-10965-1] c 15 N72-25452
Method of making fiber composites
[NASA-CASE-LEW-10424-2-2] c 18 N72-25539
Electricity measurement devices employing liquid crystalline materials
[NASA-CASE-ERC-10275] c 26 N72-25680
Ablative system
[NASA-CASE-LEW-10359] c 33 N72-25911
Inductance device with vacuum insulation
[NASA-CASE-LEW-10330-1] c 09 N72-27226
Apparatus for sensing temperature
[NASA-CASE-XLE-05230] c 14 N72-27410
Apparatus for producing metal powders
[NASA-CASE-XLE-06461-2] c 17 N72-28535
Refractory metal base alloy composites
[NASA-CASE-XLE-03940-2] c 17 N72-28536
Spiral groove seal
[NASA-CASE-XLE-10326-2] c 15 N72-29488
Production of high purity I-123
[NASA-CASE-LEW-10518-1] c 24 N72-33681
Electrostatic collector for charged particles
[NASA-CASE-LEW-11192-1] c 09 N73-13208
Method of making apparatus for sensing temperature
[NASA-CASE-XLE-05230-2] c 14 N73-13417
Method of forming superalloys
[NASA-CASE-LEW-10805-1] c 15 N73-13465
Rocket thrust throttling system
[NASA-CASE-LEW-10374-1] c 28 N73-13773
Gas turbine engine fuel control
[NASA-CASE-LEW-11187-1] c 28 N73-19793
Thermocouple tape
[NASA-CASE-LEW-11072-1] c 14 N73-24472
Method and apparatus for sputtering utilizing an apertured electrode and a pulsed substrate bias
[NASA-CASE-LEW-10920-1] c 17 N73-24569
Magneto-plasma-dynamic arc thruster
[NASA-CASE-LEW-11180-1] c 25 N73-25760
Ablative system
[NASA-CASE-LEW-10359-2] c 33 N73-25952
Parasitic suppressing circuit
[NASA-CASE-ERC-10403-1] c 10 N73-26228
Twisted multifilament superconductor
[NASA-CASE-LEW-11726-1] c 26 N73-26752
Ophthalmic method and apparatus
[NASA-CASE-LEW-11669-1] c 05 N73-27062
Single grid accelerator for an ion thrustor
[NASA-CASE-XLE-10453-2] c 28 N73-27699
Preparation of polyimides from mixtures of monomeric diamines and esters of polycarboxylic acids
[NASA-CASE-LEW-11325-1] c 06 N73-27980
Method and apparatus for measuring electromagnetic radiation
[NASA-CASE-LEW-11159-1] c 14 N73-28488
Welding blades to rotors
[NASA-CASE-LEW-10533-1] c 15 N73-28515
Low mass rolling element for bearings
[NASA-CASE-LEW-11087-1] c 15 N73-30458
Swirl can primary combustor
[NASA-CASE-LEW-11326-1] c 23 N73-30665
Enhanced diffusion welding
[NASA-CASE-LEW-11388-1] c 15 N73-32358
High speed hybrid bearing comprising a fluid bearing and a rolling bearing convected in series
[NASA-CASE-LEW-11152-1] c 15 N73-32359
Nickel aluminide coated low alloy stainless steel
[NASA-CASE-LEW-11267-1] c 17 N73-32414
Cobalt-base alloy
[NASA-CASE-LEW-10436-1] c 17 N73-32415
Nuclear fuel elements
[NASA-CASE-XLE-00209] c 22 N73-32528
Method of fabricating a twisted composite superconductor
[NASA-CASE-LEW-11015] c 26 N73-32571
Space vehicle with artificial gravity and earth-like environment
[NASA-CASE-LEW-11101-1] c 31 N73-32750
Production of hollow components for rolling element bearings by diffusion welding
[NASA-CASE-LEW-11026-1] c 15 N73-33383
Electron beam controller
[NASA-CASE-LEW-11617-1] c 33 N74-10195
Spiral groove seal
[NASA-CASE-LEW-10326-3] c 37 N74-10474
Method of heat treating a formed powder product material
[NASA-CASE-LEW-10805-3] c 26 N74-10521
Apparatus for welding blades to rotors
[NASA-CASE-LEW-10533-2] c 37 N74-11300
High powered arc electrodes
[NASA-CASE-LEW-11162-1] c 33 N74-12913
Method of forming articles of manufacture from superalloy powders
[NASA-CASE-LEW-10805-2] c 37 N74-13179
Deposition of alloy films
[NASA-CASE-LEW-11262-1] c 27 N74-13270
Supersonic-combustion rocket
[NASA-CASE-LEW-11058-1] c 20 N74-13502
Method of making silicon solar cell array
[NASA-CASE-LEW-11069-1] c 44 N74-14784
Spiral groove seal
[NASA-CASE-XLE-10326-4] c 37 N74-15125
Method of making rolling element bearings
[NASA-CASE-LEW-11087-2] c 37 N74-15128
Gas turbine exhaust nozzle
[NASA-CASE-LEW-11569-1] c 07 N74-15453
Demodulator for carrier transducers
[NASA-CASE-NUC-10107-1] c 33 N74-17930
Diffusion welding in air
[NASA-CASE-LEW-11387-1] c 37 N74-18128
Airflow control system for supersonic inlets
[NASA-CASE-LEW-11188-1] c 02 N74-20646
Rapidly pulsed, high intensity, incoherent light source
[NASA-CASE-XLE-2529-3] c 33 N74-20859
Electromagnetic flow rate meter
[NASA-CASE-LEW-10981-1] c 35 N74-21018
Diffusion welding
[NASA-CASE-LEW-11388-2] c 37 N74-21055
Journal bearings
[NASA-CASE-LEW-11076-1] c 37 N74-21061
Glass-to-metal seals comprising relatively high expansion metals
[NASA-CASE-LEW-10698-1] c 37 N74-21063
Hollow rolling element bearings
[NASA-CASE-LEW-11087-3] c 37 N74-21064
Low level signal limiter
[NASA-CASE-XLE-04791] c 32 N74-22096
Load insensitive electrical device
[NASA-CASE-XER-11046-2] c 33 N74-22864
Reinforced structural plastics
[NASA-CASE-LEW-10199-1] c 27 N74-23125
Jet exhaust noise suppressor
[NASA-CASE-LEW-11286-1] c 07 N74-27490
High current electrical lead
[NASA-CASE-LEW-10950-1] c 33 N74-27683
Magnetocaloric pump
[NASA-CASE-LEW-11672-1] c 37 N74-27904
Supersonic fan blading
[NASA-CASE-LEW-11402-1] c 07 N74-28226
Production of pure metals
[NASA-CASE-LEW-10906-1] c 25 N74-30502
Sputtering holes with ion beamlets
[NASA-CASE-LEW-11646-1] c 20 N74-31269
Method of electroforming a rocket chamber
[NASA-CASE-LEW-11118-1] c 20 N74-32919
Journal Bearings
[NASA-CASE-LEW-11076-2] c 37 N74-32921
Hall effect magnetometer
[NASA-CASE-LEW-11632-2] c 35 N75-13213
Method of protecting the surface of a substrate
[NASA-CASE-LEW-11696-1] c 37 N75-13261
Circuit for detecting initial systole and dicrotic notch
[NASA-CASE-LEW-11581-1] c 54 N75-13531
Method of making dished ion thruster grids
[NASA-CASE-LEW-11694-1] c 20 N75-18310
Duplex aluminized coatings
[NASA-CASE-LEW-11696-2] c 26 N75-19408
High speed, self-acting shaft seal
[NASA-CASE-LEW-11274-1] c 37 N75-21631
High power laser apparatus and system
[NASA-CASE-XLE-2529-2] c 36 N75-27364
Combination automatic-starting electrical plasma torch and gas shutoff valve
[NASA-CASE-XLE-10717] c 37 N75-29426
Flow measuring apparatus
[NASA-CASE-LEW-12078-1] c 35 N75-30503
Lubricated journal bearing
[NASA-CASE-LEW-11076-3] c 37 N75-30562
Protected isotope heat source
[NASA-CASE-LEW-11227-1] c 73 N75-30876
Drilled ball bearing with a one piece anti-tipping cage assembly
[NASA-CASE-LEW-11925-1] c 37 N75-31446
Method of making an insulation foil
[NASA-CASE-LEW-11484-1] c 24 N75-33181
Ophthalmic liquifaction pump
[NASA-CASE-LEW-12051-1] c 52 N75-33640
Controlled separation combustor
[NASA-CASE-LEW-11593-1] c 20 N76-14190
Rocket chamber and method of making
[NASA-CASE-LEW-11118-2] c 20 N76-14191
Shock position sensor for supersonic inlets
[NASA-CASE-LEW-11915-1] c 35 N76-14431
Apparatus for forming dished ion thruster grids
[NASA-CASE-LEW-11694-2] c 37 N76-14461
Covered silicon solar cells and method of manufacture
[NASA-CASE-LEW-11065-2] c 44 N76-14600
High temperature beryllium oxide capacitor
[NASA-CASE-LEW-11938-1] c 33 N76-15373
Thermocouple tape
[NASA-CASE-LEW-11072-2] c 35 N76-15434
Fluid journal bearings
[NASA-CASE-LEW-11076-4] c 37 N76-15461
Deuterium pass through target
[NASA-CASE-LEW-11866-1] c 72 N76-15860
Fused silicide coatings containing discrete particles for protecting niobium alloys
[NASA-CASE-LEW-11179-1] c 27 N76-16229
Process for making anhydrous metal halides
[NASA-CASE-LEW-11860-1] c 37 N76-18458
Method of constructing dished ion thruster grids to provide hole array spacing compensation
[NASA-CASE-LEW-11876-1] c 20 N76-21276
Bearing material
[NASA-CASE-LEW-11930-1] c 24 N76-22309
Fluid seal for rotating shafts
[NASA-CASE-LEW-11676-1] c 37 N76-22541
Method of making an apertured casting
[NASA-CASE-LEW-11169-1] c 37 N76-23570
Process for fabricating SiC semiconductor devices
[NASA-CASE-LEW-12094-1] c 76 N76-25049
Method of producing I-123
[NASA-CASE-LEW-11390-2] c 25 N76-27383
Production of I-123
[NASA-CASE-LEW-11390-3] c 25 N76-29379
Thrust bearing
[NASA-CASE-LEW-11949-1] c 37 N76-29588
Ion beam thruster shield
[NASA-CASE-LEW-12082-1] c 20 N77-10148
Dual output variable pitch turbofan actuation system
[NASA-CASE-LEW-12419-1] c 07 N77-14025

Silicon nitride coated, plastic covered solar cell
[NASA-CASE-LEW-11496-1] c 44 N77-14580
Electrically rechargeable REDOX flow cell
[NASA-CASE-LEW-12220-1] c 44 N77-14581
Reverse pitch fan with divided splitter
[NASA-CASE-LEW-12760-1] c 07 N77-17059
Electronic analog divider
[NASA-CASE-LEW-11881-1] c 33 N77-17354
Leading edge protection for composite blades
[NASA-CASE-LEW-12550-1] c 24 N77-19170
Method of making reinforced composite structure
[NASA-CASE-LEW-12619-1] c 24 N77-19171
Solar cell assembly
[NASA-CASE-LEW-11549-1] c 44 N77-19571
Anode for ion thruster
[NASA-CASE-LEW-12048-1] c 20 N77-20162
Zirconium modified nickel-copper alloy
[NASA-CASE-LEW-12245-1] c 26 N77-20201
Gels as battery separators for soluable electrode cells
[NASA-CASE-LEW-12364-1] c 44 N77-22606
Oil cooling system for a gas turbine engine
[NASA-CASE-LEW-12830-1] c 07 N77-23106
Process for preparing liquid metal electrical contact device
[NASA-CASE-LEW-11978-1] c 33 N77-26385
Blade retainer assembly
[NASA-CASE-LEW-12608-1] c 07 N77-27116
Hybrid composite laminate structures
[NASA-CASE-LEW-12118-1] c 24 N77-27188
Bimetallic junctions
[NASA-CASE-LEW-11573-1] c 26 N77-28265
Sustained arc ignition system
[NASA-CASE-LEW-12444-1] c 33 N77-28385
Hydrostatic bearing support
[NASA-CASE-LEW-11158-1] c 37 N77-28486
Corneal seal device
[NASA-CASE-LEW-12258-1] c 52 N77-28716
Solar cell shingle
[NASA-CASE-LEW-12587-1] c 44 N77-31601
Platform for a swing root turbomachinery blade
[NASA-CASE-LEW-12312-1] c 07 N77-32148
Directionally solidified eutectic gamma plus beta nickel-base superalloys
[NASA-CASE-LEW-12906-1] c 26 N77-32279
Nickel base alloy
[NASA-CASE-LEW-12270-1] c 26 N77-32280
Thermocouples of tantalum and rhenium alloys for more stable vacuum-high temperature performance
[NASA-CASE-LEW-12050-1] c 35 N77-32454
Spatial filter for Q-switched lasers
[NASA-CASE-LEW-12164-1] c 36 N77-32478
Deformable bearing seat
[NASA-CASE-LEW-12527-1] c 37 N77-32500
Bearing seat usable in a gas turbine engine
[NASA-CASE-LEW-12477-1] c 37 N77-32501
Fuel combustor
[NASA-CASE-LEW-12137-1] c 25 N78-10224
Oil cooling system for a gas turbine engine
[NASA-CASE-LEW-12321-1] c 37 N78-10467
Impact absorbing blade mounts for variable pitch blades
[NASA-CASE-LEW-12313-1] c 37 N78-10468
Method of forming metal hydride films
[NASA-CASE-LEW-12083-1] c 37 N78-13436
In-situ laser retorting of oil shale
[NASA-CASE-LEW-12217-1] c 43 N78-14452
Multi-cell battery protection system
[NASA-CASE-LEW-12039-1] c 44 N78-14625
Tissue macerating instrument
[NASA-CASE-LEW-12668-1] c 52 N78-14773
Trimerization of aromatic nitriles
[NASA-CASE-LEW-12053-1] c 27 N78-15276
Variable thrust nozzle for quiet turbofan engine and method of operating same
[NASA-CASE-LEW-12317-1] c 07 N78-17055
Gas turbine engine with convertible accessories
[NASA-CASE-LEW-12390-1] c 07 N78-17056
Closed loop spray cooling apparatus
[NASA-CASE-LEW-11981-1] c 31 N78-17237
Particle parameter analyzing system
[NASA-CASE-XLE-06094] c 33 N78-17293
Magnetic heat pumping
[NASA-CASE-LEW-12508-1] c 34 N78-17335
Variable cycle gas turbine engines
[NASA-CASE-LEW-12916-1] c 37 N78-17384
Integrated gas turbine engine-nacelle
[NASA-CASE-LEW-12389-2] c 07 N78-18066
Variable mixer propulsion cycle
[NASA-CASE-LEW-12917-1] c 07 N78-18067
Tantalum modified ferritic iron base alloys
[NASA-CASE-LEW-12095-1] c 26 N78-18182
Directionally solidified eutectic gamma-gamma nickel-base superalloys
[NASA-CASE-LEW-12905-1] c 26 N78-18183
Thermal barrier coating system
[NASA-CASE-LEW-12554-1] c 34 N78-18355
Selective coating for solar panels
[NASA-CASE-LEW-12159-1] c 44 N78-19599
Atomic hydrogen storage method and apparatus
[NASA-CASE-LEW-12081-1] c 28 N78-24365
Automotive gas turbine fuel control
[NASA-CASE-LEW-12785-1] c 37 N78-24545
Gas turbine engine with recirculating bleed
[NASA-CASE-LEW-12452-1] c 07 N78-25089
Counter pumping debris excluder and separator
[NASA-CASE-LEW-11855-1] c 07 N78-25090
Apparatus for extraction and separation of a preferentially photo-dissociated molecular isotope into positive and negative ions by means of an electric field
[NASA-CASE-LEW-12465-1] c 25 N78-25148
Flow compensating pressure regulator
[NASA-CASE-LEW-12718-1] c 34 N78-25351
Solar cell collector
[NASA-CASE-LEW-12552-1] c 44 N78-25527
Method of making encapsulated solar cell modules
[NASA-CASE-LEW-12185-1] c 44 N78-25528
Method for producing solar energy panels by automation
[NASA-CASE-LEW-12541-1] c 44 N78-25529
Inorganic-organic separators for alkaline batteries
[NASA-CASE-LEW-12649-1] c 44 N78-25530
Targets for producing high purity I-123
[NASA-CASE-LEW-10518-3] c 25 N78-27226
Direct heating surface combustor
[NASA-CASE-LEW-11877-1] c 34 N78-27357
Regulated high efficiency, lightweight capacitor-diode multiplier dc to dc converter
[NASA-CASE-LEW-12791-1] c 33 N78-32341
Redundant disc
[NASA-CASE-LEW-12496-1] c 07 N78-33101
Apparatus and method for reducing thermal stress in a turbine rotor
[NASA-CASE-LEW-12232-1] c 07 N79-10057
Traveling wave tube circuit
[NASA-CASE-LEW-12013-1] c 33 N79-10339
Cantilever mounted resilient pad gas bearing
[NASA-CASE-LEW-12569-1] c 37 N79-10418
Fuel delivery system including heat exchanger means
[NASA-CASE-LEW-12793-1] c 37 N79-11403
Solar cells having integral collector grids
[NASA-CASE-LEW-12819-1] c 44 N79-11467
Application of semiconductor diffusants to solar cells by screen printing
[NASA-CASE-LEW-12775-1] c 44 N79-11468
Solar cell collector and method for producing same
[NASA-CASE-LEW-12552-2] c 44 N79-11472
Heat exchanger
[NASA-CASE-LEW-12252-1] c 34 N79-13288
Heat exchanger and method of making
[NASA-CASE-LEW-12441-1] c 34 N79-13289
Cam-operated pitch-change apparatus
[NASA-CASE-LEW-13050-1] c 07 N79-14095
Integrated gas turbine engine-nacelle
[NASA-CASE-LEW-12389-3] c 07 N79-14096
Variable area exhaust nozzle
[NASA-CASE-LEW-12378-1] c 07 N79-14097
Indicated mean-effective pressure instrument
[NASA-CASE-LEW-12661-1] c 35 N79-14345
Thermocouples of molybdenum and iridium alloys for more stable vacuum-high temperature performance
[NASA-CASE-LEW-12174-2] c 35 N79-14346
Back wall solar cell
[NASA-CASE-LEW-12236-2] c 44 N79-14528
Sound-suppressing structure with thermal relief
[NASA-CASE-LEW-12658-1] c 71 N79-14871
Fine particulate capture device
[NASA-CASE-LEW-11583-1] c 35 N79-17192
Formulated plastic separators for soluble electrode cells
[NASA-CASE-LEW-12358-1] c 44 N79-17313
Method of making bearing materials
[NASA-CASE-LEW-11930-4] c 24 N79-17916
Composite seal for turbomachinery
[NASA-CASE-LEW-12131-1] c 37 N79-18318
Method for fabricating solar cells having integrated collector grits
[NASA-CASE-LEW-12819-2] c 44 N79-18444
Closed Loop solar array-ion thruster system with power control circuitry
[NASA-CASE-LEW-12780-1] c 20 N79-20179
Closed loop spray cooling apparatus
[NASA-CASE-LEW-11981-2] c 34 N79-20336
Hypervelocity gun
[NASA-CASE-XLE-03186-1] c 09 N79-21084
Low heat leak connector for cryogenic system
[NASA-CASE-XLE-02367-1] c 31 N79-21225
Method for the preparation of inorganic single crystal and polycrystalline electronic materials
[NASA-CASE-XLE-02545-1] c 76 N79-21910
Method and device for the detection of phenol and related compounds
[NASA-CASE-LEW-12513-1] c 25 N79-22235
Process for making a high toughness-high strength ion alloy
[NASA-CASE-LEW-12542-2] c 26 N79-22271
Shaft seal assembly for high speed and high pressure applications
[NASA-CASE-LEW-11873-1] c 37 N79-22475
Self stabilizing sonic inlet
[NASA-CASE-LEW-11890-1] c 05 N79-24976
In situ self cross-linking of polyvinyl alcohol battery separators
[NASA-CASE-LEW-12972-1] c 44 N79-25481
Electrochemical cell for rebalancing REDOX flow system
[NASA-CASE-LEW-13150-1] c 44 N79-26474
Catalytic trimerization of aromatic nitriles and triaryl-s-triazine ring cross-linked high temperature resistant polymers and copolymers made thereby
[NASA-CASE-LEW-12053-2] c 27 N79-28307
Supercharged topping rocket propellant feed system
[NASA-CASE-XLE-02062-1] c 20 N80-14188
Self-reconfiguring solar cell system
[NASA-CASE-LEW-12586-1] c 44 N80-14472
Intra-ocular pressure normalization technique and equipment
[NASA-CASE-LEW-12955-1] c 52 N80-14684
Method and apparatus for rapid thrust increases in a turbofan engine
[NASA-CASE-LEW-12971-1] c 07 N80-18039
Gas path seal
[NASA-CASE-NPO-12131-3] c 37 N80-18400
Intra-ocular pressure normalization technique and equipment
[NASA-CASE-LEW-12723-1] c 52 N80-18690
Atomic hydrogen storage
[NASA-CASE-LEW-12081-2] c 28 N80-20402
Catalyst surfaces for the chromous/chromic redox couple
[NASA-CASE-LEW-13148-1] c 33 N80-20487
Modification of the electrical and optical properties of polymers
[NASA-CASE-LEW-13027-1] c 27 N80-24437
Heat exchanger and method of making
[NASA-CASE-LEW-12441-2] c 34 N80-24573
Composite seal for turbomachinery
[NASA-CASE-LEW-12131-2] c 37 N80-26658
Circumferential shaft seal
[NASA-CASE-LEW-12119-1] c 37 N80-28711
Free-piston regenerative hot gas hydraulic engine
[NASA-CASE-LEW-12274-1] c 37 N80-31790
High toughness-high strength iron alloy
[NASA-CASE-LEW-12542-3] c 26 N80-32484
Method of cross-linking polyvinyl alcohol and other water soluble resins
[NASA-CASE-LEW-13103-1] c 27 N80-32516
Hydrogen hollow cathode ion source
[NASA-CASE-LEW-12940-1] c 72 N80-33186
Method of making bearing material
[NASA-CASE-LEW-11930-3] c 24 N80-33482
Solar cell system having alternating current output
[NASA-CASE-LEW-12806-2] c 44 N81-12542
Atomic hydrogen storage method and apparatus
[NASA-CASE-LEW-12081-3] c 28 N81-14103
Curved centerline air intake for a gas turbine engine
[NASA-CASE-LEW-13201-1] c 07 N81-14999
Improved refractory coatings
[NASA-CASE-LEW-23169-2] c 26 N81-16209
Method for alleviating thermal stress damage in laminates
[NASA-CASE-LEW-12493-1] c 24 N81-17170
Curing agent for polyepoxides and epoxy resins and composites cured therewith
[NASA-CASE-LEW-13226-1] c 27 N81-17260
Apparatus for sensor failure detection and correction in a gas turbine engine control system
[NASA-CASE-LEW-12907-2] c 07 N81-19115
Integrated control system for a gas turbine engine
[NASA-CASE-LEW-12594-2] c 07 N81-19116
Composition and method for making polyimide resin-reinforced fabric
[NASA-CASE-LEW-12933-1] c 27 N81-19296
Method of cold welding using ion beam technology
[NASA-CASE-LEW-12982-1] c 37 N81-19455
Multiple plate hydrostatic viscous damper
[NASA-CASE-LEW-12445-1] c 37 N81-22360
In-situ cross linking of polyvinyl alcohol
[NASA-CASE-LEW-13135-2] c 27 N81-24257
Self-stabilizing radial face seal
[NASA-CASE-LEW-12991-1] c 37 N81-24442
Heat exchanger and method of making
[NASA-CASE-LEW-12441-3] c 44 N81-24519
Toroidal cell and battery
[NASA-CASE-LEW-12918-1] c 44 N81-24521
Corrosion resistant thermal barrier coating
[NASA-CASE-LEW-13088-1] c 26 N81-25188

National Aeronautics and Space Administration. Marshall Space Flight Center, Huntsville, AL.

Electrical feed-through connection for printed circuit boards and printed cable
[NASA-CASE-XMF-01483] c 14 N69-27431

Method for detecting hydrogen gas
[NASA-CASE-XMF-03873] c 06 N69-39733

Electrical connector Patent Application
[NASA-CASE-MFS-14741] c 09 N70-20737

Angular measurement system Patent
[NASA-CASE-XMF-00447] c 14 N70-33179

Insulating structure Patent
[NASA-CASE-XMF-00341] c 15 N70-33323

Space vehicle electrical system Patent
[NASA-CASE-XMF-00517] c 03 N70-34157

Pivotal shock absorbing pad assembly Patent
[NASA-CASE-XMF-03856] c 31 N70-34159

Gimbaled, partially submerged rocket nozzle Patent
[NASA-CASE-XMF-01544] c 28 N70-34162

Recoverable rocket vehicle Patent
[NASA-CASE-XMF-00389] c 31 N70-34176

Electrical discharge apparatus for forming Patent
[NASA-CASE-XMF-00375] c 15 N70-34249

Optical inspection apparatus Patent
[NASA-CASE-XMF-00462] c 14 N70-34298

Relay binary circuit Patent
[NASA-CASE-XMF-00421] c 09 N70-34502

Attitude and propellant flow control system and method Patent
[NASA-CASE-XMF-00185] c 21 N70-34539

Electrical connector for flat cables Patent
[NASA-CASE-XMF-00324] c 09 N70-34596

Externally pressurized fluid bearing Patent
[NASA-CASE-XMF-00515] c 15 N70-34664

Force measuring instrument Patent
[NASA-CASE-XMF-00456] c 14 N70-34705

Seismic displacement transducer Patent
[NASA-CASE-XMF-00479] c 14 N70-34794

Electric arc welding Patent
[NASA-CASE-XMF-00392] c 15 N70-34814

Assembly for recovering a capsule Patent
[NASA-CASE-XMF-00641] c 31 N70-36410

Printed cable connector Patent
[NASA-CASE-XMF-00369] c 09 N70-36494

Landing pad assembly for aerospace vehicles Patent
[NASA-CASE-XMF-02853] c 31 N70-36654

Electric arc driven wind tunnel Patent
[NASA-CASE-XMF-00411] c 11 N70-36913

Gravity device Patent
[NASA-CASE-XMF-00424] c 11 N70-38196

Injector for bipropellant rocket engines Patent
[NASA-CASE-XMF-00148] c 28 N70-38710

Electronic motor control system Patent
[NASA-CASE-XMF-01129] c 09 N70-38712

Slosh suppressing device and method Patent
[NASA-CASE-XMF-00658] c 12 N70-38997

Air bearing Patent
[NASA-CASE-XMF-00339] c 15 N70-39896

Instrument support with precise lateral adjustment Patent
[NASA-CASE-XMF-00480] c 14 N70-39898

Segmented back-up bar Patent
[NASA-CASE-XMF-00640] c 15 N70-39924

Collapsible loop antenna for space vehicle Patent
[NASA-CASE-XMF-00437] c 07 N70-40202

Flexible back-up bar Patent
[NASA-CASE-XMF-00722] c 15 N70-40204

Electro-optical alignment control system Patent
[NASA-CASE-XMF-00908] c 14 N70-40238

Missile launch release system Patent
[NASA-CASE-XMF-03198] c 30 N70-40353

Double-acting shock absorber Patent
[NASA-CASE-XMF-01045] c 15 N70-40354

Portable alignment tool Patent
[NASA-CASE-XMF-01452] c 15 N70-41371

Device for suppressing sound and heat produced by high-velocity exhaust jets Patent
[NASA-CASE-XMF-01813] c 28 N70-41582

Unfired-ceramic flame-resistant insulation and method of making the same Patent
[NASA-CASE-XMF-01030] c 18 N70-41583

Pulse counting circuit which simultaneously indicates the occurrence of the nth pulse Patent
[NASA-CASE-XMF-00906] c 09 N70-41655

Support apparatus for dynamic testing Patent
[NASA-CASE-XMF-01772] c 11 N70-41677

Locking device with rolling detents Patent
[NASA-CASE-XMF-01371] c 15 N70-41829

Tank construction for space vehicles Patent
[NASA-CASE-XMF-01899] c 31 N70-41948

Positive displacement flowmeter Patent
[NASA-CASE-XMF-02822] c 14 N70-41994

Hydraulic support for dynamic testing Patent
[NASA-CASE-XMF-03248] c 11 N71-10604

Fiber optic vibration transducer and analyzer Patent
[NASA-CASE-XMF-02433] c 14 N71-10616

Method and means for damping nutation in a satellite Patent
[NASA-CASE-XMF-00442] c 31 N71-10747

Heat pipe thermionic diode power system Patent
[NASA-CASE-XMF-05843] c 03 N71-11055

Synthesis of siloxane-containing epoxy polymers Patent
[NASA-CASE-MFS-13994-1] c 06 N71-11240

Bi-carrier demodulator with modulation Patent
[NASA-CASE-XMF-01160] c 07 N71-11298

Harness assembly Patent
[NASA-CASE-MFS-14671] c 05 N71-12341

Magnetic matrix memory system Patent
[NASA-CASE-XMF-05835] c 08 N71-12504

Pulse amplitude and width detector Patent
[NASA-CASE-XMF-06519] c 09 N71-12519

Microwave power receiving antenna Patent
[NASA-CASE-MFS-20333] c 09 N71-13486

Hybrid holographic system using reflected and transmitted object beams simultaneously Patent
[NASA-CASE-MFS-20074] c 16 N71-15565

Reactance control system Patent
[NASA-CASE-XMF-01598] c 21 N71-15583

Apparatus for welding torch angle and seam tracking control Patent
[NASA-CASE-XMF-03287] c 15 N71-15607

Multiway vortex valve system Patent
[NASA-CASE-XMF-04709] c 15 N71-15609

Injector assembly for liquid fueled rocket engines Patent
[NASA-CASE-XMF-00968] c 28 N71-15660

Space capsule ejection assembly Patent
[NASA-CASE-XMF-03169] c 31 N71-15675

Air cushion lift pad Patent
[NASA-CASE-MFS-14685] c 31 N71-15689

Method of making a molded connector Patent
[NASA-CASE-XMF-03498] c 15 N71-15986

Regenerative braking system Patent
[NASA-CASE-XMF-01096] c 10 N71-16030

Condition and condition duration indicator Patent
[NASA-CASE-XMF-01097] c 10 N71-16058

Method and apparatus for securing to a spacecraft Patent
[NASA-CASE-MFS-11133] c 31 N71-16222

Method and apparatus of simulating zero gravity conditions Patent
[NASA-CASE-MFS-12750] c 27 N71-16223

Passive optical wind and turbulence detection system Patent
[NASA-CASE-XMF-14032] c 20 N71-16340

Serpentuator Patent
[NASA-CASE-XMF-05344] c 31 N71-16345

Gravimeter Patent
[NASA-CASE-XMF-05844] c 14 N71-17587

High pressure gas filter system Patent
[NASA-CASE-MFS-12806] c 14 N71-17588

Burst diaphragm flow initiator Patent
[NASA-CASE-MFS-12915] c 11 N71-17600

Vacuum deposition apparatus Patent
[NASA-CASE-XMF-01667] c 15 N71-17647

Quick disconnect latch and handle combination Patent
[NASA-CASE-MFS-11132] c 15 N71-17649

Method and apparatus for precision sizing and joining of large diameter tubes Patent
[NASA-CASE-XMF-05114] c 15 N71-17650

Low temperature flexure fatigue cryostat Patent
[NASA-CASE-XMF-02964] c 14 N71-17659

Precision stepping drive Patent
[NASA-CASE-MFS-14772] c 15 N71-17692

Multi-mission module Patent
[NASA-CASE-XMF-01543] c 31 N71-17730

Ratchet mechanism Patent
[NASA-CASE-MFS-12805] c 15 N71-17805

Method of making impurity-type semiconductor electrical contacts Patent
[NASA-CASE-XMF-01016] c 26 N71-17818

Apparatus for the determination of the existance or non-existence of a bonding between two members Patent
[NASA-CASE-MFS-13686] c 15 N71-18132

Static inverters which sum a plurality of waves Patent
[NASA-CASE-XMF-00663] c 08 N71-18752

Space environmental work simulator Patent
[NASA-CASE-XMF-07488] c 11 N71-18773

Space manufacturing machine Patent
[NASA-CASE-MFS-20410] c 15 N71-19214

Extensometer Patent
[NASA-CASE-XMF-04680] c 15 N71-19489

Mechanical simulator of low gravity conditions Patent
[NASA-CASE-MFS-10555] c 11 N71-19494

Weld control system using thermocouple wire Patent
[NASA-CASE-MFS-06074] c 15 N71-20393

Evaporant source for vapor deposition Patent
[NASA-CASE-XMF-06065] c 15 N71-20395

Satellite despin device Patent
[NASA-CASE-XMF-08523] c 31 N71-20396

Method of coating circuit paths on printed circuit boards with solder Patent
[NASA-CASE-XMF-01599] c 09 N71-20705

Elastomeric silazane polymers and process for preparing the same Patent
[NASA-CASE-XMF-04133] c 06 N71-20717

Method of producing alternating ether siloxane copolymers Patent
[NASA-CASE-XMF-02584] c 06 N71-20905

Honeycomb panel and method of making same Patent
[NASA-CASE-XMF-01402] c 18 N71-21651

Portable milling tool Patent
[NASA-CASE-XMF-03511] c 15 N71-22799

Energy absorbing device Patent
[NASA-CASE-XMF-10040] c 15 N71-22877

Continuous detonation reaction engine Patent
[NASA-CASE-XMF-06926] c 28 N71-22983

Adaptive tracking notch filter system Patent
[NASA-CASE-XMF-01892] c 10 N71-22986

Meteorological balloon Patent
[NASA-CASE-XMF-04163] c 02 N71-23007

Continuous turning slip ring assembly Patent
[NASA-CASE-XMF-01049] c 15 N71-23049

Automatic welding speed controller Patent
[NASA-CASE-XMF-01730] c 15 N71-23050

Positive dc to positive dc converter Patent
[NASA-CASE-XMF-14301] c 09 N71-23188

Zero gravity apparatus Patent
[NASA-CASE-XMF-06515] c 14 N71-23227

Positive dc to negative dc converter Patent
[NASA-CASE-XMF-08217] c 03 N71-23239

Evacuation port seal Patent
[NASA-CASE-XMF-03290] c 15 N71-23256

Azimuth laying system Patent
[NASA-CASE-XMF-01669] c 21 N71-23289

Electron beam instrument for measuring electric fields Patent
[NASA-CASE-XMF-10289] c 14 N71-23699

Anemometer with braking mechanism Patent
[NASA-CASE-XMF-05224] c 14 N71-23726

Apparatus for testing a pressure responsive instrument Patent
[NASA-CASE-XMF-04134] c 14 N71-23755

Electric welding torch Patent
[NASA-CASE-XMF-02330] c 15 N71-23798

Swivel support for gas bearings Patent
[NASA-CASE-XMF-07808] c 15 N71-23812

Welding skate with computerized control Patent
[NASA-CASE-XMF-07069] c 15 N71-23815

Docking structure for spacecraft Patent
[NASA-CASE-XMF-05941] c 31 N71-23912

High pressure helium purifier Patent
[NASA-CASE-XMF-06888] c 15 N71-24044

Horizontal cryostat for fatigue testing Patent
[NASA-CASE-XMF-10968] c 14 N71-24234

Method for leakage testing of tanks Patent
[NASA-CASE-XMF-02392] c 32 N71-24285

Internal flare angle gauge Patent
[NASA-CASE-XMF-04415] c 14 N71-24693

Pulse rise time and amplitude detector Patent
[NASA-CASE-XMF-08804] c 09 N71-24717

System for maintaining a motor at a predetermined speed utilizing digital feedback means Patent
[NASA-CASE-XMF-06892] c 09 N71-24805

Power system with heat pipe liquid coolant lines Patent
[NASA-CASE-MFS-14114-2] c 09 N71-24807

Magnetomotive metal working device Patent
[NASA-CASE-XMF-03793] c 15 N71-24833

Apparatus for determining the deflection of an electron beam impinging on a target Patent
[NASA-CASE-XMF-06617] c 09 N71-24843

Transistor servo system including a unique differential amplifier circuit Patent
[NASA-CASE-XMF-05195] c 10 N71-24861

RC rate generator for slow speed measurement Patent
[NASA-CASE-XMF-02966] c 10 N71-24863

Method and apparatus for precision sizing and joining of large diameter tubes Patent
[NASA-CASE-XMF-05114-3] c 15 N71-24865

Duct coupling for single-handed operation Patent
[NASA-CASE-MFS-20395] c 15 N71-24903

Brushless direct current tachometer Patent
[NASA-CASE-MFS-20385] c 09 N71-24904

Self-lubricating gears and other mechanical parts Patent
[NASA-CASE-MFS-14971] c 15 N71-24984

Pulse width inverter Patent
[NASA-CASE-MFS-10068] c 10 N71-25139

Isothermal cover with thermal reservoirs Patent
[NASA-CASE-MFS-20355] c 33 N71-25353

Storage container for electronic devices Patent
[NASA-CASE-MFS-20075] c 09 N71-26133

Method and apparatus for precision sizing and joining of large diameter tubes Patent
[NASA-CASE-XMF-05114-2] c 15 N71-26148

Filter system for control of outgas contamination in vacuum Patent
[NASA-CASE-MFS-14711] c 15 N71-26185

Image magnification adapter for cameras Patent
[NASA-CASE-XMF-03844-1] c 14 N71-26474

Thickness measuring and injection device Patent
[NASA-CASE-MFS-20261] c 14 N71-27005

Personal propulsion unit Patent
[NASA-CASE-MFS-20130] c 28 N71-27585

Power system with heat pipe liquid coolant lines Patent
[NASA-CASE-MFS-14114] c 33 N71-27862

Method of making shielded flat cable Patent
[NASA-CASE-MFS-13687] c 09 N71-28691

A dc motor speed control system Patent
[NASA-CASE-MFS-14610] c 09 N71-28886

Cryogenic thermal insulation Patent
[NASA-CASE-XMF-05046] c 33 N71-28892

Method of coating through-holes Patent
[NASA-CASE-XMF-05999] c 15 N71-29032

Response analyzers for sensors Patent
[NASA-CASE-MFS-11204] c 14 N71-29134

Current regulating voltage divider
[NASA-CASE-MFS-20935] c 09 N71-34212

Nuclear mass flowmeter
[NASA-CASE-MFS-20485] c 14 N72-11365

Fine adjustment mount
[NASA-CASE-MFS-20249] c 15 N72-11386

Method of making foamed materials in zero gravity
[NASA-CASE-XMF-09902] c 15 N72-11387

Air bearing assembly for curved surfaces
[NASA-CASE-MFS-20423] c 15 N72-11388

Stud-bonding gun
[NASA-CASE-MFS-20299] c 15 N72-11392

Apparatus for obtaining isotropic irradiation of a specimen
[NASA-CASE-MFS-20095] c 24 N72-11595

Wind tunnel test section
[NASA-CASE-MFS-20509] c 11 N72-17183

Multiple image storing system for high speed projectile holography
[NASA-CASE-MFS-20596] c 14 N72-17324

Method of manufacturing semiconductor devices using refractory dielectrics
[NASA-CASE-XER-08476-1] c 26 N72-17820

Underwater space suit pressure control regulator
[NASA-CASE-MFS-20332] c 05 N72-20097

Apparatus for making diamonds
[NASA-CASE-MFS-20698] c 15 N72-20446

Photoetching of metal-oxide layers
[NASA-CASE-ERC-10108] c 06 N72-21094

Liquid aerosol dispenser
[NASA-CASE-MFS-20829] c 12 N72-21310

Optical probing of supersonic flows with statistical correlation
[NASA-CASE-MFS-20642] c 14 N72-21407

Mechanically actuated triggered hand
[NASA-CASE-MFS-20413] c 15 N72-21463

Hermetically sealed elbow actuator
[NASA-CASE-MFS-14710] c 09 N72-22195

Shielded flat cable
[NASA-CASE-MFS-13687-2] c 09 N72-22198

Shock wave convergence apparatus
[NASA-CASE-MFS-20890] c 14 N72-22439

Bonding of reinforced Teflon to metals
[NASA-CASE-MFS-20482] c 15 N72-22492

Inorganic thermal control coatings
[NASA-CASE-MFS-20011] c 18 N72-22566

High temperature furnace for melting materials in space
[NASA-CASE-MFS-20710] c 11 N72-23215

Siloxane containing epoxide compounds
[NASA-CASE-MFS-13994-2] c 06 N72-25148

Silphenylenesiloxane polymers having in-chain perfluoroalkyl groups
[NASA-CASE-MFS-20979] c 06 N72-25151

Emergency lunar communications system
[NASA-CASE-MFS-21042] c 07 N72-25171

Lead attachment to high temperature devices
[NASA-CASE-ERC-10224] c 09 N72-25261

Device for measuring bearing preload
[NASA-CASE-MFS-20434] c 11 N72-25288

Altitude simulation chamber for rocket engine testing
[NASA-CASE-MFS-20620] c 11 N72-27262

Fixture for supporting articles during vibration tests
[NASA-CASE-MFS-20523] c 14 N72-27412

Electrical connector
[NASA-CASE-MFS-20757] c 09 N72-28225

Remote control manipulator for zero gravity environment
[NASA-CASE-MFS-14405] c 15 N72-28495

Thermal compensating structural member
[NASA-CASE-MFS-20433] c 15 N72-28496

Semiconductor transducer device
[NASA-CASE-ERC-10087-2] c 14 N72-31446

Coaxial high density, hypervelocity plasma generator and accelerator with ionizable metal disc
[NASA-CASE-MFS-20589] c 25 N72-32688

Process for the preparation of brushite crystals
[NASA-CASE-ERC-10338] c 04 N72-33072

Adjustable force probe
[NASA-CASE-MFS-20760] c 14 N72-33377

Polyimide resin-fiberglass cloth laminates for printed circuit boards
[NASA-CASE-MFS-20408] c 18 N73-12604

Differential pressure control
[NASA-CASE-MFS-14216] c 14 N73-13418

Redundant hydraulic control system for actuators
[NASA-CASE-MFS-20944] c 15 N73-13466

Device and method for determining X ray reflection efficiency of optical surfaces
[NASA-CASE-MFS-20243] c 23 N73-13662

Process for making diamonds
[NASA-CASE-MFS-20698-2] c 15 N73-19457

Test stand system for vacuum chambers
[NASA-CASE-MFS-21362] c 11 N73-20267

Material fatigue testing system
[NASA-CASE-MFS-20673] c 14 N73-20476

Ratemeter
[NASA-CASE-MFS-20418] c 14 N73-24473

Underwater space suit pressure control regulator
[NASA-CASE-MFS-20332-2] c 05 N73-25125

Maxometers (peak wind speed anemometers)
[NASA-CASE-MFS-20916] c 14 N73-25460

Monitoring deposition of films
[NASA-CASE-MFS-20675] c 26 N73-26751

Docking structure for spacecraft
[NASA-CASE-MFS-20863] c 31 N73-26876

Wide temperature range electronic device with lead attachment
[NASA-CASE-ERC-10224-2] c 09 N73-27150

Restraint system for ergometer
[NASA-CASE-MFS-21046-1] c 14 N73-27377

Apparatus and method for skin packaging articles
[NASA-CASE-MFS-20855] c 15 N73-27405

Ergometer
[NASA-CASE-MFS-21109-1] c 05 N73-27941

Tilting table for ergometer and for other biomedical devices
[NASA-CASE-MFS-21010-1] c 05 N73-30078

Measurement system
[NASA-CASE-MFS-20658-1] c 14 N73-30386

Collimator of multiple plates with axially aligned identical random arrays of apertures
[NASA-CASE-MFS-20546-2] c 14 N73-30389

Holographic thin film analyzer
[NASA-CASE-MFS-20823-1] c 16 N73-30476

Semiconductor surface protection material
[NASA-CASE-ERC-10339-1] c 18 N73-30532

Polymerizable disilanols having in-chain perfluoroalkyl groups
[NASA-CASE-MFS-20979-2] c 06 N73-32030

Redundant speed control for brushless Hall effect motor
[NASA-CASE-MFS-20207-1] c 09 N73-32107

Induction motor control system with voltage controlled oscillator circuit
[NASA-CASE-MFS-21465-1] c 10 N73-32145

Synthesis of superconducting compounds by explosive compaction of powders
[NASA-CASE-MFS-20861-1] c 18 N73-32437

Ultrasonic scanner for radial and flat panels
[NASA-CASE-MFS-20335-1] c 35 N74-10415

Digital computing cardiotachometer
[NASA-CASE-MFS-20284-1] c 52 N74-12778

Integrated circuit package with lead structure and method of preparing the same
[NASA-CASE-MFS-21374-1] c 33 N74-12951

Vee-notching device
[NASA-CASE-MFS-20730-1] c 39 N74-13131

Ultrasonic scanning system for in-place inspection of brazed tube joints
[NASA-CASE-MFS-20767-1] c 38 N74-15130

Method and apparatus for checking the stability of a setup for making reflection type holograms
[NASA-CASE-MFS-21455-1] c 35 N74-15146

Method and apparatus for nondestructive testing
[NASA-CASE-MFS-21233-1] c 38 N74-15395

Real time moving scene holographic camera system
[NASA-CASE-MFS-21087-1] c 35 N74-17153

Nonflammable coating compositions
[NASA-CASE-MFS-20486-2] c 27 N74-17283

Metering gun for dispensing precisely measured charges of fluid
[NASA-CASE-MFS-21163-1] c 54 N74-17853

Omnidirectional wheel
[NASA-CASE-MFS-21309-1] c 37 N74-18125

Reinforced polyquinoxaline gasket and method of preparing the same
[NASA-CASE-MFS-21364-1] c 37 N74-18126

Manual actuator
[NASA-CASE-MFS-21481-1] c 37 N74-18127

Cryogenic gyroscope housing
[NASA-CASE-MFS-21136-1] c 35 N74-18323

Automatic frequency control for FM transmitter
[NASA-CASE-MFS-21540-1] c 32 N74-19790

Microwave power transmission system wherein level of transmitted power is controlled by reflections from receiver
[NASA-CASE-MFS-21470-1] c 44 N74-19870

Reduced gravity fecal collector seat and urinal
[NASA-CASE-MFS-22102-1] c 54 N74-20725

Metabolic analyzer
[NASA-CASE-MFS-21415-1] c 52 N74-20728

Automatic quadrature control and measuring system
[NASA-CASE-MFS-21660-1] c 35 N74-21017

Thiophenyl ether disiloxanes and trisiloxanes useful as lubricant fluids
[NASA-CASE-MFS-22411-1] c 37 N74-21058

Airlock
[NASA-CASE-MFS-20922-1] c 18 N74-22136

Low distortion automatic phase control circuit
[NASA-CASE-MFS-21671-1] c 33 N74-22885

Two speed drive system
[NASA-CASE-MFS-20645-1] c 37 N74-23070

Insert facing tool
[NASA-CASE-MFS-21485-1] c 37 N74-25968

LC-oscillator with automatic stabilized amplitude via bias current control
[NASA-CASE-MFS-21698-1] c 33 N74-26732

Device for monitoring a change in mass in varying gravimetric environments
[NASA-CASE-MFS-21556-1] c 35 N74-26945

Holography utilizing surface plasmon resonances
[NASA-CASE-MFS-22040-1] c 35 N74-26946

Electrophoretic sample insertion
[NASA-CASE-MFS-21395-1] c 25 N74-26948

Sprag solenoid brake
[NASA-CASE-MFS-21846-1] c 37 N74-26976

Device for configuring multiple leads
[NASA-CASE-MFS-22133-1] c 33 N74-26977

Thrust-isolating mounting
[NASA-CASE-MFS-21680-1] c 18 N74-27397

Battery testing device
[NASA-CASE-MFS-20761-1] c 44 N74-27519

Apparatus for establishing flow of a fluid mass having a known velocity
[NASA-CASE-MFS-21424-1] c 34 N74-27730

Apparatus for conducting flow electrophoresis in the substantial absence of gravity
[NASA-CASE-MFS-21394-1] c 34 N74-27744

Steady state thermal radiometers
[NASA-CASE-MFS-21108-1] c 34 N74-27861

Conductive elastomeric extensometer
[NASA-CASE-MFS-21049-1] c 52 N74-27864

Device for measuring tensile forces
[NASA-CASE-MFS-21728-1] c 35 N74-27865

Three mirror glancing incidence system for X-ray telescope
[NASA-CASE-MFS-21372-1] c 74 N74-27866

Flame detector operable in presence of proton radiation
[NASA-CASE-MFS-21577-1] c 19 N74-29410

Integrated P-channel MOS gyrator
[NASA-CASE-MFS-22343-1] c 33 N74-34638

System for depositing thin films
[NASA-CASE-MFS-20775-1] c 31 N75-12161

Ultrasonic bone densitometer
[NASA-CASE-MFS-20994-1] c 35 N75-12271

Strain gauge ambiguity sensor for segmented mirror active optical system
[NASA-CASE-MFS-20506-1] c 35 N75-12273

Orthotic arm joint
[NASA-CASE-MFS-21611-1] c 54 N75-12616

Automatically operable self-leveling load table
[NASA-CASE-MFS-22039-1] c 09 N75-12968

Phase-locked servo system
[NASA-CASE-MFS-22073-1] c 33 N75-13139

Self-energized plasma compressor
[NASA-CASE-MFS-22145-1] c 75 N75-13625

Clear air turbulence detector
[NASA-CASE-MFS-21244-1] c 36 N75-15028

Variable frequency inverter for ac induction motors with torque, speed and braking control
[NASA-CASE-MFS-22088-1] c 33 N75-15874

Leak detector
[NASA-CASE-MFS-21761-1] c 35 N75-15931

Ergometer calibrator
[NASA-CASE-MFS-21045-1] c 35 N75-15932

Space vehicle
[NASA-CASE-MFS-22734-1] c 18 N75-19329

Meter for use in detecting tension in straps having predetermined elastic characteristics
[NASA-CASE-MFS-22189-1] c 35 N75-19615
Multiplate focusing collimator
[NASA-CASE-MFS-20932-1] c 35 N75-19616
Latching device
[NASA-CASE-MFS-21606-1] c 37 N75-19685
Internally supported flexible duct joint
[NASA-CASE-MFS-19193-1] c 37 N75-19686
Pseudo-noise test set for communication system evaluation
[NASA-CASE-MFS-22671-1] c 35 N75-21582
Device for use in loading tension members
[NASA-CASE-MFS-21488-1] c 14 N75-24794
Holographic system for nondestructive testing
[NASA-CASE-MFS-21704-1] c 35 N75-25124
Hole cutter
[NASA-CASE-MFS-22649-1] c 37 N75-25186
Apparatus for calibrating an image dissector tube
[NASA-CASE-MFS-22208-1] c 33 N75-26244
Method of determining bond quality of power transistors attached to substrates
[NASA-CASE-MFS-21931-1] c 37 N75-26372
Anti-gravity device
[NASA-CASE-MFS-22758-1] c 70 N75-26789
Brazing alloy binder
[NASA-CASE-XMF-05868] c 26 N75-27125
Brazing alloy composition
[NASA-CASE-XMF-06053] c 26 N75-27126
Refractory porcelain enamel passive control coating for high temperature alloys
[NASA-CASE-MFS-22324-1] c 27 N75-27160
Real time, large volume, moving scene holographic camera system
[NASA-CASE-MFS-22537-1] c 35 N75-27328
Method and apparatus for vibration analysis utilizing the Mossbauer effect
[NASA-CASE-XMF-05882] c 35 N75-27329
Method of preparing graphite reinforced aluminum composite
[NASA-CASE-MFS-21077-1] c 24 N75-28135
Carbon monoxide monitor
[NASA-CASE-MFS-22060-1] c 35 N75-29380
Perfluoro alkylene dioxy-bis-(4-phthalic anhydrides and oxy-bis-(perfluoroalkyleneoxyphathalic anhydrides
[NASA-CASE-MFS-22356-1] c 23 N75-30256
Integrable power gyrator
[NASA-CASE-MFS-22342-1] c 33 N75-30428
Isolated output system for a class D switching-mode amplifier
[NASA-CASE-MFS-21616-1] c 33 N75-30429
Solar energy power system
[NASA-CASE-MFS-21628-1] c 44 N75-32581
System for enhancing tool-exchange capabilities of a portable wrench
[NASA-CASE-MFS-22283-1] c 37 N75-33395
Externally supported internally stabilized flexible duct joint
[NASA-CASE-MFS-19194-1] c 37 N76-14460
Quick disconnect filter coupling
[NASA-CASE-MFS-22323-1] c 37 N76-14463
Panel for selectively absorbing solar thermal energy and the method of producing said panel
[NASA-CASE-MFS-22562-1] c 44 N76-14595
Rapid activation and checkout device for batteries
[NASA-CASE-MFS-22749-1] c 44 N76-14601
Two stage light gas-plasma projectile accelerator
[NASA-CASE-MFS-22287-1] c 75 N76-14931
Polyimides of ether-linked aryl tetracarboxylic dianhydrides
[NASA-CASE-MFS-22355-1] c 23 N76-15268
Remotely operable articulated manipulator
[NASA-CASE-MFS-22707-1] c 37 N76-15457
Remote manipulator system
[NASA-CASE-MFS-22022-1] c 37 N76-15460
Thermoelectric power system
[NASA-CASE-MFS-22002-1] c 44 N76-16612
Self-energized plasma compressor
[NASA-CASE-MFS-22145-2] c 75 N76-17951
Device for measuring the ferrite content in an austenitic stainless-steel weld
[NASA-CASE-MFS-22907-1] c 26 N76-18257
Heat transfer device
[NASA-CASE-MFS-22938-1] c 34 N76-18374
Holographic motion picture camera with Doppler shift compensation
[NASA-CASE-MFS-22517-1] c 35 N76-18402
Method of peening and portable peening gun
[NASA-CASE-MFS-23047-1] c 37 N76-18454
Mixing insert for foam dispensing apparatus
[NASA-CASE-MFS-20607-1] c 37 N76-19436
Traffic survey system
[NASA-CASE-MFS-22631-1] c 66 N76-19888
Electronic optical transfer function analyzer
[NASA-CASE-MFS-21672-1] c 74 N76-19935

System for imposing directional stability on a rocket-propelled vehicle
[NASA-CASE-MFS-21311-1] c 20 N76-21275
Filtering device
[NASA-CASE-MFS-22729-1] c 32 N76-21366
Translatory shock absorber for attitude sensors
[NASA-CASE-MFS-22905-1] c 19 N76-22284
Device for installing rocket engines
[NASA-CASE-MFS-19220-1] c 20 N76-22296
Deployable flexible tunnel
[NASA-CASE-MFS-22636-1] c 37 N76-22540
Solar energy absorber
[NASA-CASE-MFS-22743-1] c 44 N76-22657
Apparatus for reducing aerodynamic noise in a wind tunnel
[NASA-CASE-MFS-23099-1] c 09 N76-23273
Solar energy power system
[NASA-CASE-MFS-21628-2] c 44 N76-23675
Solar energy trap
[NASA-CASE-MFS-22744-1] c 44 N76-24696
Failure detection and control means for improved drift performance of a gimballed platform system
[NASA-CASE-MFS-23551-1] c 04 N76-26175
Lead-oxygen dc power supply system having a closed loop oxygen and water system
[NASA-CASE-MFS-23059-1] c 44 N76-27664
Thermal energy storage system
[NASA-CASE-MFS-23167-1] c 44 N76-31667
Aircraft-mounted crash-activated transmitter device
[NASA-CASE-MFS-16609-3] c 03 N76-32140
Multiple in-line docking capability for rotating space stations
[NASA-CASE-MFS-20855-1] c 15 N77-10112
Attitude control system
[NASA-CASE-MFS-22787-1] c 15 N77-10113
Heat exchanger
[NASA-CASE-MFS-22991-1] c 34 N77-10463
Focused laser Doppler velocimeter
[NASA-CASE-MFS-23178-1] c 35 N77-10493
Photovoltaic cell array
[NASA-CASE-MFS-22458-1] c 44 N77-10635
Wind measurement system
[NASA-CASE-MFS-23362-1] c 47 N77-10753
Mechanical thermal motor
[NASA-CASE-MFS-23062-1] c 37 N77-12402
Solid-state current transformer
[NASA-CASE-MFS-22560-1] c 33 N77-14335
Actuator device for artificial leg
[NASA-CASE-MFS-23225-1] c 52 N77-14735
Frequency modulated oscillator
[NASA-CASE-MFS-23181-1] c 33 N77-17351
Method of and means for testing a tape record/playback system
[NASA-CASE-MFS-22671-2] c 35 N77-17426
Notch filter
[NASA-CASE-MFS-23303-1] c 32 N77-18307
Guide for a typewriter
[NASA-CASE-MFS-15218-1] c 37 N77-19457
Mount for continuously orienting a collector dish in a system adapted to perform both diurnal and seasonal solar tracking
[NASA-CASE-MFS-23267-1] c 35 N77-20401
Emergency descent device
[NASA-CASE-MFS-23074-1] c 54 N77-21844
Device for tensioning test specimens within an hermetically sealed chamber
[NASA-CASE-MFS-23281-1] c 35 N77-22450
Combined docking and grasping device
[NASA-CASE-MFS-23088-1] c 37 N77-23483
Method of growing composites of the type exhibiting the Soret effect
[NASA-CASE-MFS-22926-1] c 24 N77-27187
Method for measuring biaxial stress in a body subjected to stress inducing loads
[NASA-CASE-MFS-23299-1] c 39 N77-28511
Method for attaching a fused-quartz mirror to a conductive metal substrate
[NASA-CASE-MFS-23405-1] c 26 N77-29260
Method of preparing zinc orthotitanate pigment
[NASA-CASE-MFS-23345-1] c 27 N77-30237
Accumulator
[NASA-CASE-MFS-19287-1] c 34 N77-30399
Tachometer
[NASA-CASE-MFS-23175-1] c 35 N77-30436
Real time reflectometer
[NASA-CASE-MFS-23118-1] c 35 N77-31465
Method of crystallization
[NASA-CASE-MFS-23001-1] c 76 N77-32919
Power factor control system for AC induction motors
[NASA-CASE-MFS-23280-1] c 33 N78-10376
Germanium coated microbridge and method
[NASA-CASE-MFS-23274-1] c 33 N78-13320
Laser extensometer
[NASA-CASE-MFS-19259-1] c 36 N78-14380

Method of and means for testing a glancing-incidence mirror system of an X-ray telescope
[NASA-CASE-MFS-22409-2] c 74 N78-15880
Projection system for display of parallax and perspective
[NASA-CASE-MFS-23194-1] c 35 N78-17357
Gas ion laser construction for electrically isolating the pressure gauge thereof
[NASA-CASE-MFS-22597] c 36 N78-17366
Wrist joint assembly
[NASA-CASE-MFS-23311-1] c 54 N78-17676
Semiconductor projectile impact detector
[NASA-CASE-MFS-23008-1] c 35 N78-18390
Sprayable low density ablator and application process
[NASA-CASE-MFS-23506-1] c 24 N78-24290
Apparatus for use in examining the lattice of a semiconductor wafer by X-ray diffraction
[NASA-CASE-MFS-23315-1] c 76 N78-24950
Tetherline system for orbiting satellites
[NASA-CASE-MFS-23564-1] c 15 N78-25119
Method and apparatus for conditioning of nickel-cadmium batteries
[NASA-CASE-MFS-23270-1] c 44 N78-25531
Passive propellant system
[NASA-CASE-MFS-23642-2] c 20 N78-27176
Field effect transistor and method of construction thereof
[NASA-CASE-MFS-23312-1] c 33 N78-27326
Plasma cleaning device
[NASA-CASE-MFS-22906-1] c 75 N78-27913
Process for spinning flame retardant elastomeric compositions
[NASA-CASE-MSC-14331-3] c 27 N78-32262
Velocity measurement system
[NASA-CASE-MFS-23363-1] c 35 N78-32396
Hybrid holographic non-destructive test system
[NASA-CASE-MFS-23114-1] c 38 N78-32447
FM/CW radar system
[NASA-CASE-MFS-22234-1] c 32 N79-10264
Method of obtaining intensified image from developed photographic films and plates
[NASA-CASE-MFS-23461-1] c 35 N79-10389
Computerized system for translating a torch head
[NASA-CASE-MFS-23620-1] c 37 N79-10421
Rotatable mass for a flywheel
[NASA-CASE-MFS-23051-1] c 37 N79-10422
Water system virus detection
[NASA-CASE-MSC-16098-1] c 51 N79-10693
Anastigmatic three-mirror telescope
[NASA-CASE-MFS-23675-1] c 89 N79-10969
Apparatus for assembling space structure
[NASA-CASE-MFS-23579-1] c 18 N79-11108
Spherical bearing
[NASA-CASE-MFS-23447-1] c 37 N79-11404
Method for making an aluminum or copper substrate panel for selective absorption of solar energy
[NASA-CASE-MFS-23518-1] c 44 N79-11469
System for the measurement of ultra-low stray light levels
[NASA-CASE-MFS-23513-1] c 74 N79-11865
Simulator method and apparatus for practicing the mating of an observer-controlled object with a target
[NASA-CASE-MFS-23052-2] c 74 N79-13855
Multilevel metallization method for fabricating a metal oxide semiconductor device
[NASA-CASE-MFS-23541-1] c 76 N79-14906
Direct current transformer
[NASA-CASE-MFS-23659-1] c 33 N79-17133
Method of making a rocket nozzle
[NASA-CASE-XMF-06884-1] c 20 N79-21123
Fluid thrust control system
[NASA-CASE-XMF-05964-1] c 20 N79-21124
Rocket injector head
[NASA-CASE-XMF-04592-1] c 20 N79-21125
Infusible silazane polymer and process for producing same
[NASA-CASE-XMF-02526-1] c 27 N79-21190
Fluorine-containing polyformals
[NASA-CASE-XMF-06900-1] c 27 N79-21191
Method and apparatus for preparing multiconductor cable with flat conductors
[NASA-CASE-MFS-10946-1] c 31 N79-21226
Edge coating of flat wires
[NASA-CASE-XMF-05757-1] c 31 N79-21227
Stable superconducting magnet
[NASA-CASE-XMF-05373-1] c 33 N79-21264
Retractable environmental seal
[NASA-CASE-MFS-23646-1] c 37 N79-22474
Horizontally mounted solar collector
[NASA-CASE-MFS-23349-1] c 44 N79-23481
Coal-shale interface detection
[NASA-CASE-MFS-23720-3] c 43 N79-25443
General purpose rocket furnace
[NASA-CASE-MFS-23460-1] c 12 N79-26075
Contour measurement system
[NASA-CASE-MFS-23726-1] c 43 N79-26439

Method of construction of a multi-cell solar array
[NASA-CASE-MFS-23540-1] c 44 N79-26475
Thickness measurement system
[NASA-CASE-MFS-23721-1] c 31 N79-28370
Coal-rock interface detector
[NASA-CASE-MFS-23725-1] c 43 N79-31706
Calibrating pressure switch
[NASA-CASE-XMF-04494-1] c 33 N79-33392
Passive propellant system
[NASA-CASE-MFS-23642-1] c 20 N80-10278
Electrophoretic fractional elution apparatus employing a rotational seal fraction collector
[NASA-CASE-MFS-23284-1] c 37 N80-14397
Coal-shale interface detection system
[NASA-CASE-MFS-23720-2] c 43 N80-14423
Solar concentrator
[NASA-CASE-MFS-23727-1] c 44 N80-14473
Aluminium or copper substrate panel for selective absorption of solar energy
[NASA-CASE-MFS-23518-3] c 44 N80-16452
Method for separating biological cells
[NASA-CASE-MFS-23883-1] c 51 N80-16715
Oceanic wave measurement system
[NASA-CASE-MFS-23862-1] c 48 N80-18667
Wind wheel electric power generator
[NASA-CASE-MFS-23515-1] c 44 N80-21828
Preparation of monotectic alloys having a controlled microstructure by directional solidification under dopant-induced interface breakdown
[NASA-CASE-MFS-23816-1] c 26 N80-23419
Coal-shale interface detector
[NASA-CASE-MFS-23720-1] c 43 N80-23711
Cork-resin ablative insulation for complex surfaces and method for applying the same
[NASA-CASE-MFS-23626-1] c 24 N80-26388
Redundant motor drive system
[NASA-CASE-MFS-23777-1] c 37 N80-32716
Three phase power factor controller
[NASA-CASE-MFS-25535-1] c 33 N81-12330
Method and apparatus for shaping and enhancing acoustical levitation forces
[NASA-CASE-MFS-25050-1] c 71 N81-15767
Microwave integrated circuit for Josephson voltage standards
[NASA-CASE-MFS-23845-1] c 33 N81-17348
Process for preparation of large-particle-size monodisperse latexes
[NASA-CASE-MFS-25000-1] c 25 N81-19242
Containerless high temperature calorimeter apparatus
[NASA-CASE-MFS-23923-1] c 35 N81-19426
Electrical power generating system
[NASA-CASE-MFS-24368-3] c 33 N81-22280
Solar tracking system
[NASA-CASE-MFS-23999-1] c 44 N81-24520
Prosthetic urinary sphincter
[NASA-CASE-MFS-23717-1] c 52 N81-25660
Pneumatic inflatable end effector
[NASA-CASE-MFS-23696-1] c 54 N81-26718
Power factor control system for ac induction motors
[NASA-CASE-MFS-23988-1] c 33 N81-27395
Method of manufacture of bonded fiber flywheel
[NASA-CASE-MFS-23674-1] c 24 N81-29163
Biocentrifuge system capable of exchanging specimen cages while in operational mode
[NASA-CASE-MFS-23825-1] c 51 N81-32829
Motor power factor controller with a reduced voltage starter
[NASA-CASE-MFS-25586-1] c 33 N82-11360
Method for retarding dye fading during archival storage of developed color photographic film
[NASA-CASE-MFS-23250-1] c 35 N82-11432
Liquid immersion apparatus for minute articles
[NASA-CASE-MFS-25363-1] c 37 N82-12441
Controlled overspray spray nozzle
[NASA-CASE-MFS-25139-1] c 34 N82-13376
Multi-channel temperature measurement amplification system
[NASA-CASE-MFS-23775-1] c 44 N82-16474
Solar energy control system
[NASA-CASE-MFS-25287-1] c 44 N82-18686
Method of bonding plasticized elastomer to metal and articles produced thereby
[NASA-CASE-MFS-25181-1] c 27 N82-24340
Amplified wind turbine apparatus
[NASA-CASE-MFS-23830-1] c 44 N82-24639
Magnetic field control
[NASA-CASE-MFS-23828-1] c 33 N82-26569
Exothermic furnace module
[NASA-CASE-MFS-25707-1] c 35 N82-26631
Photoelectric detection system
[NASA-CASE-MFS-23776-1] c 33 N82-28545
Apparatus for sequentially transporting containers
[NASA-CASE-MFS-23846-1] c 37 N82-32731
Method for sequentially processing a multi-level interconnect circuit in a vacuum chamber
[NASA-CASE-MFS-15670-1] c 33 N82-33634
Electrophoresis device
[NASA-CASE-MFS-25426-1] c 25 N83-10126
Combinational logic for generating gate drive signals for phase control rectifiers
[NASA-CASE-MFS-25208-1] c 33 N83-10345
Static continuous electrophoresis device
[NASA-CASE-MFS-25306-1] c 25 N83-13187
Collimated beam manifold with the number of output beams variable at a given output angle
[NASA-CASE-MFS-25312-1] c 74 N83-17305
Method and apparatus for suppressing ignition overpressure in solid rocket propulsion systems
[NASA-CASE-MFS-25843-1] c 20 N83-17588
Extended range X-ray telescope
[NASA-CASE-MFS-25282-1] c 34 N83-19015
Electrical rotary joint apparatus for large space structures
[NASA-CASE-MFS-23981-1] c 07 N83-20944
Gas levitator having fixed levitation node for containerless processing
[NASA-CASE-MFS-25509-1] c 35 N83-24828
Electrical power generating system
[NASA-CASE-MFS-25302-1] c 33 N83-28319
Satellite retrieval system
[NASA-CASE-MFS-25403-1] c 18 N83-29303
Method and apparatus for supercooling and solidifying substances
[NASA-CASE-MFS-25242-1] c 35 N83-29650
Dual laser optical system and method for studying fluid flow
[NASA-CASE-MFS-25315-1] c 36 N83-29680
Beam connector apparatus and assembly
[NASA-CASE-MFS-25134-1] c 31 N83-31895
Adaptive reference voltage generator for firing angle control of line-commutated inverters
[NASA-CASE-MFS-25215-1] c 33 N83-31953
Triac failure detector
[NASA-CASE-MFS-25607-1] c 33 N83-34190
Adaptive control system for line-commutated inverters
[NASA-CASE-MFS-25209-1] c 33 N83-35227
Apparatus and method for heating a material in a transparent ampoule
[NASA-CASE-MFS-25436-1] c 27 N83-36220
Resilient seal ring assembly with spring means applying force to wedge member
[NASA-CASE-MFS-25678-1] c 37 N84-11497
Prosthetic occlusive device for an internal passageway
[NASA-CASE-MFS-25740-1] c 52 N84-11744
Constant-output atomizer
[NASA-CASE-MFS-25631-1] c 34 N84-12406
Heat sealable, flame and abrasion resistant coated fabric
[NASA-CASE-MSC-18382-2] c 27 N84-14324
Electrical self-aligning connector
[NASA-CASE-MFS-25211-2] c 33 N84-14423
Control system for an induction motor with energy recovery
[NASA-CASE-MFS-25477-1] c 33 N84-14424
A dc to dc converter
[NASA-CASE-MFS-25430-1] c 33 N84-16453
Pulsed thyristor trigger control circuit
[NASA-CASE-MFS-25616-1] c 33 N84-16455
Clamp-mount device
[NASA-CASE-MFS-25510-1] c 37 N84-16560
Space probe/satellite ejection apparatus for spacecraft
[NASA-CASE-MFS-15429-1] c 18 N84-22609
Method for sequentially processing a multi-level interconnect circuit in a vacuum chamber
[NASA-CASE-MFS-256704-1] c 33 N84-22884
Three phase power factor controller
[NASA-CASE-MFS-25535-2] c 33 N84-22885
Motor power control circuit for ac induction motors
[NASA-CASE-MFS-25323-1] c 33 N84-22886
Two-dimensional scanner apparatus
[NASA-CASE-MFS-25687-1] c 35 N84-22928
Method of and apparatus for double-exposure holographic interferometry
[NASA-CASE-MFS-25405-1] c 35 N84-22929
Diffuser/ejector system for a very high vacuum environment
[NASA-CASE-MFS-25791-1] c 09 N84-27749
Space Shuttle with rail system and aft thrust structure securing solid rocket boosters to external tank
[NASA-CASE-MFS-25853-1] c 16 N84-27784
Three stage rocket vehicle with parallel staging
[NASA-CASE-MFS-25878-1] c 18 N84-27787
Phase detector for three-phase power factor controller
[NASA-CASE-MFS-25854-1] c 33 N84-27975
Device for determining frost depth and density
[NASA-CASE-MFS-25754-1] c 35 N84-28018
Sonic levitation apparatus
[NASA-CASE-MFS-25828-1] c 71 N84-28568
Apparatus for measuring charged particle beam
[NASA-CASE-MFS-25641-1] c 72 N84-28575
Coupling an induction motor type generator to ac power lines
[NASA-CASE-MFS-25302-2] c 33 N84-33660
Three-phase power factor controller with induced EMF sensing
[NASA-CASE-MFS-25852-1] c 33 N84-33661
Longwall shearer tracking system
[NASA-CASE-MFS-25717-1] c 35 N84-33768
Impacting device for testing insulation
[NASA-CASE-MFS-25862-2] c 37 N84-33807
Insulation bonding test system
[NASA-CASE-MFS-25862-1] c 27 N85-20126
Adjustable indicating device for load position
[NASA-CASE-MFS-28008-1] c 35 N85-20300
Process for producing tris s(n-methylamino) methylsilane
[NASA-CASE-MFS-25721-1] c 25 N85-21280
Solar powered actuator with continuously variable auxiliary power control
[NASA-CASE-MFS-25637-1] c 44 N85-21769
Power control for ac motor
[NASA-CASE-MFS-25861-1] c 33 N85-22877
Hemispherical latching apparatus
[NASA-CASE-MFS-25837-1] c 18 N85-29991
Method of and apparatus for generating an interstitial point in a data stream having an even number of data points
[NASA-CASE-MFS-25319-1] c 60 N85-33701
Variable length strut with longitudinal compliance and locking capability
[NASA-CASE-MFS-25907-1] c 37 N85-34401
Device and method for frictionally testing materials for ignitability
[NASA-CASE-MSC-20622-1] c 25 N86-19413
Portable 90 degree proof loading device
[NASA-CASE-MSC-20250-1] c 35 N86-19581
Apparatus for adapting an end effector device remotely controlled manipulator arm
[NASA-CASE-MFS-25949-1] c 37 N86-19603
Spectral slicing X-ray telescope with variable magnification
[NASA-CASE-MFS-25942-1] c 74 N86-20124
X-ray determination of parts alignment
[NASA-CASE-MSC-20418-1] c 74 N86-20126
Space probe/satellite ejection apparatus for spacecraft
[NASA-CASE-MFS-25429-1] c 18 N86-20469
Wind dynamic range video camera
[NASA-CASE-MFS-25750-1] c 32 N86-20647
Amplifier for measuring low-level signals in the presence of high common mode voltage
[NASA-CASE-MFS-25868-1] c 33 N86-20670
High gradient directional solidification furnace
[NASA-CASE-MFS-25963-1] c 35 N86-20750
Damping seal for turbomachinery
[NASA-CASE-MFS-25842-2] c 37 N86-20788
Self-locking telescoping manipulator arm
[NASA-CASE-MFS-25906-1] c 37 N86-20789
Cryogenic insulation strength and bond tester
[NASA-CASE-MFS-25910-1] c 39 N86-20841
Optical stereo video signal processor
[NASA-CASE-MFS-25752-1] c 74 N86-21348
Containerless high purity pulling process and apparatus for glass fiber
[NASA-CASE-MFS-25905-2] c 31 N86-21718
Automated weld torch guidance control system
[NASA-CASE-MFS-25807-2] c 37 N86-21850
Multispectral glancing incidence X-ray telescope
[NASA-CASE-MFS-28013-1] c 89 N86-22459
Shuttle-launch triangular space station
[NASA-CASE-MSC-20676-1] c 18 N86-24729
Fluid flow meter for measuring the rate of fluid flow in a conduit
[NASA-CASE-MFS-28030-1] c 35 N86-25752
Magnetic spin reduction system for free spinning objects
[NASA-CASE-MFS-25966-1] c 16 N86-26352
Propulsion apparatus and method using boil-off gas from a cryogenic liquid
[NASA-CASE-MFS-25946-1] c 20 N86-26368
Solid sorbent air sampler
[NASA-CASE-MSC-20653-1] c 35 N86-26595
Planar oscillatory stirring apparatus
[NASA-CASE-MFS-26002-1-CU] c 35 N86-26598
Angular measurement system
[NASA-CASE-MFS-25825-1] c 31 N86-29055
Apparatus and method for inspecting a bearing ball
[NASA-CASE-MFS-25833-1] c 35 N86-32698
Method of repairing hidden leaks in tubes
[NASA-CASE-MFS-19796-1] c 37 N86-32736
Remotely operable peristaltic pump
[NASA-CASE-MFS-28059-1] c 37 N86-32738
Double window viewing chamber assembly
[NASA-CASE-MFS-28057-1] c 09 N87-14355
Low loss injector for liquid propellant rocket engines
[NASA-CASE-MFS-25989-1] c 20 N87-14420

Method of fabricating a rocket engine combustion chamber
[NASA-CASE-MFS-28569-1] c 27 N94-20541
Pressure wall patch
[NASA-CASE-MFS-28724-1] c 18 N94-23824
Plasma arc welding torch having means for vortexing plasma for exiting the welding torch
[NASA-CASE-MFS-28828-1] c 37 N94-29351
Tuned mass damper for integrally bladed turbine rotor
[NASA-CASE-MFS-28697-1] c 37 N94-29353
Suspension system for gimbal supported scanning payloads
[NASA-CASE-MFS-28817-1] c 35 N94-29358
Apparatus for testing high pressure injector elements
[NASA-CASE-MFS-28773-1] c 37 N94-29365
Collapsible mechanical joint
[NASA-CASE-MFS-28765-1] c 37 N94-29367
Multi-speed multi-phase resolver converter
[NASA-CASE-MFS-28855-1] c 33 N94-29372
Manufacturing methods for machining spring ends parallel at loaded length
[NASA-CASE-MFS-28767-1] c 31 N94-29379
Chamber free fusion welding root side purging method and apparatus
[NASA-CASE-MFS-28832-1] c 26 N94-29380
Vacuum vapor deposition
[NASA-CASE-MFS-28652-1] c 27 N94-29446
Rotary actuator
[NASA-CASE-MFS-28581-1] c 26 N94-29447
Quick connect fastener
[NASA-CASE-MFS-28829-1] c 37 N94-29486
Welding wire pressure sensor assembly
[NASA-CASE-MFS-26216-1-SB] c 37 N94-29506
Ternary arc gas plasma welding torch
[NASA-CASE-MFS-28857-1] c 37 N94-30173
Prosthetic elbow joint
[NASA-CASE-MFS-28707-1] c 54 N94-35115
Plasma arc welding weld imaging
[NASA-CASE-MFS-28797-1] c 37 N94-35367
Variable stiffness torsion springs
[NASA-CASE-MFS-28930-1] c 70 N94-36782
Global Positioning System Synchronized Active Light Autonomous Docking System
[NASA-CASE-MFS-28853-1] c 18 N94-36825
Selectively lockable knee brace
[NASA-CASE-MFS-28991-1] c 54 N94-36838
Channel in hip implant stem
[NASA-CASE-MFS-28987-1] c 54 N94-36840

National Aeronautics and Space Administration. National Space Technology Labs., Bay Saint Louis, MS.

Method for treating wastewater using microorganisms and vascular aquatic plants
[NASA-CASE-NSTL-10] c 45 N84-12654

National Aeronautics and Space Administration. Pasadena Office, CA.

Phase control circuits using frequency multiplications for phased array antennas
[NASA-CASE-ERC-10285] c 10 N73-16206
Method of forming difunctional polyisobutylene
[NASA-CASE-NPO-10893] c 27 N73-22710
Radiation and particle detector and amplifier
[NASA-CASE-NPO-12128-1] c 14 N73-32317
Expandable space frames
[NASA-CASE-ERC-10365-1] c 31 N73-32749
Use of thin film light detector
[NASA-CASE-NPO-11432-2] c 35 N74-15090
Temperature compensated digital inertial sensor
[NASA-CASE-NPO-13044-1] c 35 N74-15094
Compact hydrogenator
[NASA-CASE-NPO-11682-1] c 35 N74-15127
Short range laser obstacle detector
[NASA-CASE-NPO-11856-1] c 36 N74-15145
System for stabilizing cable phase delay utilizing a coaxial cable under pressure
[NASA-CASE-NPO-13138-1] c 33 N74-17927
Banded transformer cores
[NASA-CASE-NPO-11966-1] c 33 N74-17928
Inverter ratio failure detector
[NASA-CASE-NPO-13160-1] c 35 N74-18090
Heat transfer device
[NASA-CASE-NPO-11120-1] c 34 N74-18552
Storage battery comprising negative plates of a wedge shaped configuration
[NASA-CASE-NPO-11806-1] c 44 N74-19693
Gated compressor, distortionless signal limiter
[NASA-CASE-NPO-11820-1] c 32 N74-19788
Apparatus for scanning the surface of a cylindrical body
[NASA-CASE-NPO-11861-1] c 36 N74-20009
Decision feedback loop for tracking a polyphase modulated carrier
[NASA-CASE-NPO-13103-1] c 32 N74-20811
Optically actuated two position mechanical mover
[NASA-CASE-NPO-13105-1] c 37 N74-21060
Flow control valve
[NASA-CASE-NPO-11951-1] c 37 N74-21065
Thin film gauge
[NASA-CASE-NPO-10617-1] c 35 N74-22095
High isolation RF signal selection switches
[NASA-CASE-NPO-13081-1] c 33 N74-22814
Single reflector interference spectrometer and drive system therefor
[NASA-CASE-NPO-11932-1] c 35 N74-23040
Scanning nozzle plating system
[NASA-CASE-NPO-11758-1] c 31 N74-23065
Rock sampling
[NASA-CASE-XNP-10007-1] c 46 N74-23068
Rock sampling
[NASA-CASE-XNP-09755] c 46 N74-23069
Miniature multichannel biotelemeter system
[NASA-CASE-NPO-13065-1] c 52 N74-26625
Dispensing targets for ion beam particle generators
[NASA-CASE-NPO-13112-1] c 73 N74-26767
Optically detonated explosive device
[NASA-CASE-NPO-11743-1] c 28 N74-27425
Coherent receiver employing nonlinear coherence detection for carrier tracking
[NASA-CASE-NPO-11921-1] c 32 N74-30523
Digital servo control of random sound test excitation
[NASA-CASE-NPO-11623-1] c 71 N74-31148
Capacitance multiplier and filter synthesizing network
[NASA-CASE-NPO-11948-1] c 33 N74-32712
Apparatus for forming drive belts
[NASA-CASE-NPO-13205-1] c 31 N74-32917
Tool for use in lifting pin supported objects
[NASA-CASE-NPO-13157-1] c 37 N74-32918
Preparing oxidizer coated metal fuel particles
[NASA-CASE-NPO-11975-1] c 28 N74-33209
Geneva mechanism
[NASA-CASE-NPO-13281-1] c 37 N75-13266
Amino acid analysis
[NASA-CASE-NPO-12130-1] c 25 N75-14844
Method of producing a storage bulb for an atomic hydrogen maser
[NASA-CASE-NPO-13050-1] c 36 N75-15029
Combined pressure regulator and shutoff valve
[NASA-CASE-NPO-13201-1] c 37 N75-15050
Reduction of blood serum cholesterol
[NASA-CASE-NPO-12119-1] c 52 N75-15270
Simultaneous acquisition of tracking data from two stations
[NASA-CASE-NPO-13292-1] c 32 N75-15854
Shock absorbing mount for electrical components
[NASA-CASE-NPO-13253-1] c 37 N75-18573
System for generating timing and control signals
[NASA-CASE-NPO-13125-1] c 33 N75-19519
Motor run-up system
[NASA-CASE-NPO-13374-1] c 33 N75-19524
Deep trap, laser activated image converting system
[NASA-CASE-NPO-13131-1] c 36 N75-19652
Multitarget sequential sputtering apparatus
[NASA-CASE-NPO-13345-1] c 37 N75-19684
Wide angle sun sensor
[NASA-CASE-NPO-13327-1] c 35 N75-23910
Material suspension within an acoustically excited resonant chamber
[NASA-CASE-NPO-13263-1] c 12 N75-24774
Heat operated cryogenic electrical generator
[NASA-CASE-NPO-13303-1] c 20 N75-24837
System for interference signal nulling by polarization adjustment
[NASA-CASE-NPO-13140-1] c 32 N75-24982
Heat detection and compositions and devices therefor
[NASA-CASE-NPO-10764-2] c 35 N75-25122
Servo-controlled intravital microscope system
[NASA-CASE-NPO-13214-1] c 35 N75-25123
Ultrasonically bonded value assembly
[NASA-CASE-NPO-13360-1] c 37 N75-25185
Vehicle locating system utilizing AM broadcasting station carriers
[NASA-CASE-NPO-13217-1] c 32 N75-26194
Asynchronous, multiplexing, single line transmission and recovery data system
[NASA-CASE-NPO-13321-1] c 32 N75-26195
Brazing alloy
[NASA-CASE-XNP-03878] c 26 N75-27127
Very high intensity light source using a cathode ray tube
[NASA-CASE-XNP-01296] c 33 N75-27250
Fluorescence detector for monitoring atmospheric pollutants
[NASA-CASE-NPO-13231-1] c 45 N75-27585
Cooperative multiaxis sensor for teleoperation of article manipulating apparatus
[NASA-CASE-NPO-13386-1] c 54 N75-27758
Heat sterilizable patient ventilator
[NASA-CASE-NPO-13313-1] c 54 N75-27761
Method of heat treating age-hardenable alloys
[NASA-CASE-XNP-01311] c 26 N75-29236
Satellite aided vehicle avoidance system
[NASA-CASE-ERC-10419-1] c 03 N75-30132
Refrigerated coaxial coupling
[NASA-CASE-NPO-13504-1] c 33 N75-30430
Electric power generation system directory from laser power
[NASA-CASE-NPO-13308-1] c 36 N75-30524
Subminiature insertable force transducer
[NASA-CASE-NPO-13423-1] c 33 N75-31329
Symmetrical odd-modulus frequency divider
[NASA-CASE-NPO-13426-1] c 33 N75-31330
Stored charge transistor
[NASA-CASE-NPO-11156-2] c 33 N75-31331
Doped Josephson tunneling junction for use in a sensitive IR detector
[NASA-CASE-NPO-13348-1] c 33 N75-31332
Acoustically controlled distributed feedback laser
[NASA-CASE-NPO-13175-1] c 36 N75-31427
Inert gas metallic vapor laser
[NASA-CASE-NPO-13449-1] c 36 N75-32441
Prevention of hydrogen embrittlement of high strength steel by hydrazine compositions
[NASA-CASE-NPO-12122-1] c 24 N76-14203
Helium refrigerator
[NASA-CASE-NPO-13435-1] c 31 N76-14264
Nonlinear nonsingular feedback shift registers
[NASA-CASE-NPO-13451-1] c 33 N76-14373
Strain gage mounting assembly
[NASA-CASE-NPO-13170-1] c 35 N76-14430
Thermostatically controlled non-tracking type solar energy concentrator
[NASA-CASE-NPO-13497-1] c 44 N76-14602
Multi-computer multiple data path hardware exchange system
[NASA-CASE-NPO-13422-1] c 60 N76-14818
Cermet composition and method of fabrication
[NASA-CASE-NPO-13120-1] c 27 N76-15311
Dichroic plate
[NASA-CASE-NPO-13506-1] c 35 N76-15435
Utilization of oxygen difluoride for syntheses of fluoropolymers
[NASA-CASE-NPO-12061-1] c 27 N76-16228
Magnetometer using superconducting rotating body
[NASA-CASE-NPO-13388-1] c 35 N76-16390
Scan converting video tape recorder
[NASA-CASE-NPO-10166-2] c 35 N76-16391
Hydrogen rich gas generator
[NASA-CASE-NPO-13342-1] c 37 N76-16446
Automated system for identifying traces of organic chemical compounds in aqueous solutions
[NASA-CASE-NPO-13063-1] c 25 N76-18245
Analog to digital converter
[NASA-CASE-NPO-13385-1] c 33 N76-18345
Sampler of gas borne particles
[NASA-CASE-NPO-13396-1] c 35 N76-18401
Stark-effect modulation of CO2 laser with NH2D
[NASA-CASE-NPO-11945-1] c 36 N76-18427
Diffused waveguiding capillary tube with distributed feedback for a gas laser
[NASA-CASE-NPO-13544-1] c 36 N76-18428
System for minimizing internal combustion engine pollution emission
[NASA-CASE-NPO-13402-1] c 37 N76-18457
Hydrogen-bromine secondary battery
[NASA-CASE-NPO-13237-1] c 44 N76-18641
Hydrogen-rich gas generator
[NASA-CASE-NPO-13464-1] c 44 N76-18642
Zinc-halide battery with molten electrolyte
[NASA-CASE-NPO-11961-1] c 44 N76-18643
Priority interrupt system
[NASA-CASE-NPO-13067-1] c 60 N76-18800
Miniature muscle displacement transducer
[NASA-CASE-NPO-13519-1] c 33 N76-19338
Zero torque gear head wrench
[NASA-CASE-NPO-13059-1] c 37 N76-20480
Method and apparatus for measurement of trap density and energy distribution in dielectric films
[NASA-CASE-NPO-13443-1] c 76 N76-20994
Highly efficient antenna system using a corrugated horn and scanning hyperbolic reflector
[NASA-CASE-NPO-13568-1] c 32 N76-21365
Indicator providing continuous indication of the presence of a specific pollutant in air
[NASA-CASE-NPO-13474-1] c 45 N76-21742
Shared memory for a fault-tolerant computer
[NASA-CASE-NPO-13139-1] c 60 N76-21914
Wind sensor
[NASA-CASE-NPO-13462-1] c 35 N76-24524
Fiber distributed feedback laser
[NASA-CASE-NPO-13531-1] c 36 N76-24553
Method of forming a wick for a heat pipe
[NASA-CASE-NPO-13391-1] c 34 N76-27515
Method and apparatus for nondestructive testing of pressure vessels
[NASA-CASE-NPO-12142-1] c 38 N76-28563

Method and apparatus for generating coherent radiation in the ultra-violet region and above by use of distributed feedback
[NASA-CASE-NPO-13346-1] c 36 N76-29575

Stirling cycle engine and refrigeration systems
[NASA-CASE-NPO-13613-1] c 37 N76-29590

Hydrogen rich gas generator
[NASA-CASE-NPO-13342-2] c 44 N76-29700

Solar-powered pump
[NASA-CASE-NPO-13567-1] c 44 N76-29701

Hydrogen rich gas generator
[NASA-CASE-NPO-13464-2] c 44 N76-29704

Myocardium wall thickness transducer and measuring method
[NASA-CASE-NPO-13644-1] c 52 N76-29895

Catheter tip force transducer for cardiovascular research
[NASA-CASE-NPO-13643-1] c 52 N76-29896

Real time analysis of voiced sounds
[NASA-CASE-NPO-13465-1] c 32 N76-31372

III-V photocathode with nitrogen doping for increased quantum efficiency
[NASA-CASE-NPO-12134-1] c 33 N76-31409

High resolution Fourier interferometer-spectrophotopolarimeter
[NASA-CASE-NPO-13604-1] c 35 N76-31490

Reflected-wave maser
[NASA-CASE-NPO-13490-1] c 36 N76-31512

Method of making hollow elastomeric bodies
[NASA-CASE-NPO-13535-1] c 37 N76-31524

Solar cell grid patterns
[NASA-CASE-NPO-13087-2] c 44 N76-31666

Furlable antenna
[NASA-CASE-NPO-13553-1] c 33 N76-32457

Annular arc accelerator shock tube
[NASA-CASE-NPO-13528-1] c 09 N77-10071

Cryostat system for temperatures on the order of 2 deg K or less
[NASA-CASE-NPO-13459-1] c 31 N77-10229

The dc-to-dc converters employing staggered-phase power switches with two-loop control
[NASA-CASE-NPO-13512-1] c 33 N77-10428

Ion and electron detector for use in an ICR spectrometer
[NASA-CASE-NPO-13479-1] c 35 N77-10492

Hydrogen-rich gas generator
[NASA-CASE-NPO-13560-1] c 44 N77-10636

Space communication system for compressed data with a concatenated Reed-Solomon-Viterbi coding channel
[NASA-CASE-NPO-13545-1] c 32 N77-12240

Computer interface system
[NASA-CASE-NPO-13428-1] c 60 N77-12721

High temperature oxidation resistant cermet compositions
[NASA-CASE-NPO-13666-1] c 27 N77-13217

Frequency discriminator and phase detector circuit
[NASA-CASE-NPO-11515-1] c 33 N77-13315

Mass spectrometer with magnetic pole pieces providing the magnetic fields for both the magnetic sector and an ion-type vacuum pump
[NASA-CASE-NPO-13663-1] c 35 N77-14406

Thermocouple installation
[NASA-CASE-NPO-13540-1] c 35 N77-14409

Method and apparatus for background signal reduction in opto-acoustic absorption measurement
[NASA-CASE-NPO-13683-1] c 35 N77-14411

Nuclear thermionic converter
[NASA-CASE-NPO-13121-1] c 73 N77-18891

Continuous plasma laser
[NASA-CASE-XNP-04167-3] c 36 N77-19416

Multiple rate digital command detection system with range clean-up capability
[NASA-CASE-NPO-13753-1] c 32 N77-20289

Charge storage diode modulators and demodulators
[NASA-CASE-NPO-10189-1] c 33 N77-21314

Compact, high intensity arc lamp with internal magnetic field producing means
[NASA-CASE-NPO-11510-1] c 33 N77-21315

Depressurization of arc lamps
[NASA-CASE-NPO-10790-1] c 33 N77-21316

Electromagnetic transducer recording head having a laminated core section and tapered gap
[NASA-CASE-NPO-10711-1] c 35 N77-21392

Cryogenic liquid sensor
[NASA-CASE-NPO-10619-1] c 35 N77-21393

Uniform variable light source
[NASA-CASE-NPO-11429-1] c 74 N77-21941

Arc control in compact arc lamps
[NASA-CASE-NPO-10870-1] c 33 N77-22386

Hydraulic drain means for servo-systems
[NASA-CASE-NPO-10316-1] c 37 N77-22479

Automated multi-level vehicle parking system
[NASA-CASE-NPO-13058-1] c 37 N77-22480

Solar hydrogen generator
[NASA-CASE-LAR-11361-1] c 44 N77-22607

Sun direction detection system
[NASA-CASE-NPO-13722-1] c 74 N77-22951

Compact pulsed laser having improved heat conductance
[NASA-CASE-NPO-13147-1] c 36 N77-25502

Isotope separation using metallic vapor lasers
[NASA-CASE-NPO-13550-1] c 36 N77-26477

Distributed feedback acoustic surface wave oscillator
[NASA-CASE-NPO-13673-1] c 71 N77-26919

Penetrometer
[NASA-CASE-NPO-11103-1] c 35 N77-27367

Lightweight reflector assembly
[NASA-CASE-NPO-13707-1] c 74 N77-28933

Aldehyde-containing urea-absorbing polysaccharides
[NASA-CASE-NPO-13620-1] c 27 N77-30236

Phase substitution of spare converter for a failed one of parallel phase staggered converters
[NASA-CASE-NPO-13812-1] c 33 N77-30365

Oil and fat absorbing polymers
[NASA-CASE-NPO-11609-2] c 27 N77-31308

Combustion engine
[NASA-CASE-NPO-13671-1] c 37 N77-31497

Apparatus for photon excited catalysis
[NASA-CASE-NPO-13566-1] c 25 N77-32255

Charge-coupled device data processor for an airborne imaging radar system
[NASA-CASE-NPO-13587-1] c 32 N77-32342

Direct reading inductance meter
[NASA-CASE-NPO-13792-1] c 35 N77-32455

Solar photolysis of water
[NASA-CASE-NPO-13675-1] c 44 N77-32580

Low to high temperature energy conversion system
[NASA-CASE-NPO-13510-1] c 44 N77-32581

Solar energy collection system
[NASA-CASE-NPO-13810-1] c 44 N77-32582

Three-dimensional tracking solar energy concentrator and method for making same
[NASA-CASE-NPO-13736-1] c 44 N77-32583

Overload protection system for power inverter
[NASA-CASE-NPO-13872-1] c 33 N78-10377

Photoelectron spectrometer with means for stabilizing sample surface potential
[NASA-CASE-NPO-13772-1] c 35 N78-10429

Machine for use in monitoring fatigue life for a plurality of elastomeric specimens
[NASA-CASE-NPO-13731-1] c 39 N78-10493

Portable linear-focused solar thermal energy collecting system
[NASA-CASE-NPO-13734-1] c 44 N78-10554

Acoustic energy shaping
[NASA-CASE-NPO-13802-1] c 71 N78-10837

High voltage, high current Schottky barrier solar cell
[NASA-CASE-NPO-13482-1] c 44 N78-13526

Durable antistatic coating for polymethylmethacrylate
[NASA-CASE-NPO-13867-1] c 27 N78-14164

Ultra stable frequency distribution system
[NASA-CASE-NPO-13836-1] c 32 N78-15323

Selective image area control of X-ray film exposure density
[NASA-CASE-NPO-13808-1] c 35 N78-15461

Motion restraining device
[NASA-CASE-NPO-13619-1] c 37 N78-16369

Ruler for making navigational computations
[NASA-CASE-XNP-01458] c 04 N78-17031

Nuclear alkylated pyridine aldehyde polymers and conductive compositions thereof
[NASA-CASE-NPO-10557] c 27 N78-17214

Method of adhering bone to a rigid substrate using a graphite fiber reinforced bone cement
[NASA-CASE-NPO-13764-1] c 27 N78-17215

Purging means and method for Xenon arc lamps
[NASA-CASE-NPO-11978] c 31 N78-17238

Pressure transducer
[NASA-CASE-NPO-11150] c 35 N78-17359

Wabble gear drive mechanism
[NASA-CASE-WOO-00625] c 37 N78-17385

Apparatus for handling micron size range particulate material
[NASA-CASE-NPO-10151] c 37 N78-17386

Cross correlation anomaly detection system
[NASA-CASE-NPO-13283] c 38 N78-17395

Automatic visual inspection system for microelectronics
[NASA-CASE-NPO-13282] c 38 N78-17396

Low cost solar energy collection system
[NASA-CASE-NPO-13579-1] c 44 N78-17460

Differential optoacoustic absorption detector
[NASA-CASE-NPO-13759-1] c 74 N78-17867

Interferometer mirror tilt correcting system
[NASA-CASE-NPO-13687-1] c 35 N78-18391

Over-under double-pass interferometer
[NASA-CASE-NPO-13999-1] c 35 N78-18395

Independent gain and bandwidth control of a traveling wave maser
[NASA-CASE-NPO-13801-1] c 36 N78-18410

High temperature resistant cermet and ceramic compositions
[NASA-CASE-NPO-13690-1] c 27 N78-19302

Thin conformal antenna array for microwave power conversions
[NASA-CASE-NPO-13886-1] c 32 N78-24391

Multistation refrigeration system
[NASA-CASE-NPO-13839-1] c 31 N78-25256

Swept group delay measurement
[NASA-CASE-NPO-13909-1] c 33 N78-25319

Polymeric electrolytic hygrometer
[NASA-CASE-NPO-13948-1] c 35 N78-25391

Charge transfer reaction laser with preionization means
[NASA-CASE-NPO-13945-1] c 36 N78-27402

Hexagon solar power panel
[NASA-CASE-NPO-12148-1] c 44 N78-27515

RF beam center location method and apparatus for power transmission system
[NASA-CASE-NPO-13821-1] c 44 N78-28594

Control for nuclear thermionic power source
[NASA-CASE-NPO-13114-2] c 73 N78-28913

Magneto-optic detection system with noise cancellation
[NASA-CASE-NPO-11954-1] c 35 N78-29421

Nitramine propellants
[NASA-CASE-NPO-14103-1] c 28 N78-31255

Reflex feed system for dual frequency antenna with frequency cutoff means
[NASA-CASE-NPO-14022-1] c 32 N78-31321

Solar pond
[NASA-CASE-NPO-13581-2] c 44 N78-31525

Non-tracking solar energy collector system
[NASA-CASE-NPO-13813-1] c 44 N78-31526

Coal desulfurization process
[NASA-CASE-NPO-13937-1] c 44 N78-31527

Solid propellant motor
[NASA-CASE-NPO-11458A] c 20 N78-32179

Thermoplastic rubber comprising ethylene-vinyl acetate copolymer, asphalt and fluxing oil
[NASA-CASE-NPO-08835-1] c 27 N78-33228

Hydrogen-fueled engine
[NASA-CASE-NPO-13763-1] c 44 N78-33526

Plural output optimetric sample cell and analysis system
[NASA-CASE-NPO-10233-1] c 74 N78-33913

Portable electrophoresis apparatus using minimum electrolyte
[NASA-CASE-NPO-13274-1] c 25 N79-10163

Automatic communication signal monitoring system
[NASA-CASE-NPO-13941-1] c 32 N79-10262

Surface roughness measuring system
[NASA-CASE-NPO-13862-1] c 35 N79-10391

Vehicular impact absorption system
[NASA-CASE-NPO-14014-1] c 37 N79-10420

Dual membrane hollow fiber fuel cell and method of operating same
[NASA-CASE-NPO-13732-1] c 44 N79-10513

Combuster
[NASA-CASE-NPO-13958-1] c 25 N79-11151

Surfactant-assisted liquefaction of particulate carbonaceous substances
[NASA-CASE-NPO-13904-1] c 25 N79-11152

Electroexplosive device
[NASA-CASE-NPO-13858-1] c 28 N79-11231

Space-charge-limited solid-state triode
[NASA-CASE-NPO-13064-1] c 33 N79-11314

Plasma igniter for internal combustion engine
[NASA-CASE-NPO-13828-1] c 37 N79-11405

Solar photolysis of water
[NASA-CASE-NPO-14126-1] c 44 N79-11470

Non-tracking solar energy collector system
[NASA-CASE-NPO-13817-1] c 44 N79-11471

Method of controlling defect orientation in silicon crystal ribbon growth
[NASA-CASE-NPO-13918-1] c 76 N79-11920

Method and apparatus for measuring minority carrier lifetimes and bulk diffusion length in P-N junction solar cells
[NASA-CASE-NPO-14100-1] c 44 N79-12541

Automated clinical system for chromosome analysis
[NASA-CASE-NPO-13913-1] c 52 N79-12694

Conical scan tracking system employing a large antenna
[NASA-CASE-NPO-14009-1] c 32 N79-13214

Stabilization of He2(a 3 Sigma u+ molecules in liquid helium by optical pumping for vacuum UV laser 6
[NASA-CASE-NPO-13993-1] c 72 N79-13826

High temperature resistant cermet and ceramic compositions
[NASA-CASE-NPO-13690-2] c 27 N79-14213

Inhibited solid propellant composition containing beryllium hydride
[NASA-CASE-NPO-10866-1] c 28 N79-14228

Digital demodulator-correlator
[NASA-CASE-NPO-13982-1] c 32 N79-14267

Azimuth correlator for real-time synthetic aperture radar image processing
[NASA-CASE-NPO-14019-1] c 32 N79-14268

Apparatus for providing a servo drive signal in a high-speed stepping interferometer
[NASA-CASE-NPO-13569-2] c 35 N79-14348

High-torque open-end wrench
[NASA-CASE-NPO-13541-1] c 37 N79-14383

Sun tracking solar energy collector
[NASA-CASE-NPO-13921-1] c 44 N79-14526

Primary reflector for solar energy collection systems
[NASA-CASE-NPO-13579-4] c 44 N79-14529

Gas diffusion liquid storage bag and method of use for storing blood
[NASA-CASE-NPO-13930-1] c 52 N79-14749

Coupling apparatus for ultrasonic medical diagnostic system
[NASA-CASE-NPO-13935-1] c 52 N79-14751

Thermomagnetic recording and magnetic-optic playback system
[NASA-CASE-NPO-10872-1] c 35 N79-16246

Manganese bismuth films with narrow transfer characteristics for Curie-point switching
[NASA-CASE-NPO-11336-1] c 76 N79-16678

Multispectral imaging and analysis system
[NASA-CASE-NPO-13691-1] c 43 N79-17288

Solar array strip and a method for forming the same
[NASA-CASE-NPO-13652-1] c 44 N79-17314

Process for purification of waste water produced by a Kraft process pulp and paper mill
[NASA-CASE-NPO-13847-2] c 85 N79-17747

Thermal energy transformer
[NASA-CASE-NPO-14058-1] c 44 N79-18443

Electromagnetic radiation energy arrangement
[NASA-CASE-WOO-00428-1] c 32 N79-19186

Multibeam single frequency synthetic aperture radar processor for imaging separate range swaths
[NASA-CASE-NPO-14525-1] c 32 N79-19195

Method and turbine for extracting kinetic energy from a stream of two-phase fluid
[NASA-CASE-NPO-14130-1] c 34 N79-20335

Digital data reformatter/deserializer
[NASA-CASE-NPO-13676-1] c 60 N79-20751

Acoustic driving of rotor
[NASA-CASE-NPO-14005-1] c 71 N79-20827

System and method for obtaining wide screen Schlieren photographs
[NASA-CASE-NPO-14174-1] c 74 N79-20856

Dynamic capacitor having a peripherally driven element and system incorporating the same
[NASA-CASE-XNP-02899-1] c 33 N79-21265

Seismic vibration source
[NASA-CASE-NPO-14112-1] c 46 N79-22679

Underwater seismic source.
[NASA-CASE-NPO-14255-1] c 46 N79-23555

Resolution enhanced sound detecting apparatus
[NASA-CASE-NPO-14134-1] c 71 N79-23753

Growth of silicon carbide crystals on a seed while pulling silicon crystals from a melt
[NASA-CASE-NPO-13969-1] c 76 N79-23798

Phase conjugation method and apparatus for an active retrodirective antenna array
[NASA-CASE-NPO-13641-1] c 32 N79-24210

Module failure isolation circuit for paralleled inverters
[NASA-CASE-NPO-14000-1] c 33 N79-24254

Circuit for automatic load sharing in parallel converter modules
[NASA-CASE-NPO-14056-1] c 33 N79-24257

Bonding machine for forming a solar array strip
[NASA-CASE-NPO-13652-2] c 44 N79-24431

Primary reflector for solar energy collection systems and method of making same
[NASA-CASE-NPO-13579-3] c 44 N79-24432

Solar energy collection system
[NASA-CASE-NPO-13579-2] c 44 N79-24433

Compact artificial hand
[NASA-CASE-NPO-13906-1] c 54 N79-24652

Double-sided solar cell package
[NASA-CASE-NPO-14199-1] c 44 N79-25482

Apparatus and method of inserting a microelectrode in body tissue or the like using vibration means
[NASA-CASE-NPO-13910-1] c 52 N79-27836

Chemical vapor deposition reactor
[NASA-CASE-NPO-13650-1] c 25 N79-28253

High performance ammonium nitrate propellant
[NASA-CASE-NPO-14260-1] c 28 N79-28342

Biocontamination and particulate detection system
[NASA-CASE-NPO-13953-1] c 35 N79-28527

Solar cell with improved N-region contact and method of forming the same
[NASA-CASE-NPO-14205-1] c 44 N79-31752

Solar cell module
[NASA-CASE-NPO-14467-1] c 44 N79-31753

Multi-channel rotating optical interface for data transmission
[NASA-CASE-NPO-14066-1] c 74 N79-34011

Start up system for hydrogen generator used with an internal combustion engine
[NASA-CASE-NPO-13849-1] c 28 N80-10374

Sodium storage and injection system
[NASA-CASE-NPO-14384-1] c 37 N80-10494

System for detecting substructure microfractures and method therefore
[NASA-CASE-NPO-14192-1] c 39 N80-10507

Borehole geological assessment
[NASA-CASE-NPO-14231-1] c 46 N80-10709

Method of purifying metallurgical grade silicon employing reduced pressure atmospheric control
[NASA-CASE-NPO-14474-1] c 26 N80-14229

Electromagnetic power absorber
[NASA-CASE-NPO-13830-1] c 32 N80-14281

Multiple anode arc lamp system
[NASA-CASE-NPO-10857-1] c 33 N80-14330

Method for analyzing radiation sensitivity of integrated circuits
[NASA-CASE-NPO-14350-1] c 33 N80-14332

Apparatus for electrolytically tapered or contoured cavities
[NASA-CASE-XNP-08835-1] c 37 N80-14395

Method for forming a solar array strip
[NASA-CASE-NPO-13652-3] c 44 N80-14474

Ozonation of cooling tower waters
[NASA-CASE-NPO-14340-1] c 45 N80-14579

System for real-time crustal deformation monitoring
[NASA-CASE-NPO-14124-1] c 46 N80-14603

Dialysis system
[NASA-CASE-NPO-14101-1] c 52 N80-14687

High resolution threshold photoelectron spectroscopy by electron attachment
[NASA-CASE-NPO-14078-1] c 72 N80-14877

Strong thin membrane structure
[NASA-CASE-NPO-14021-2] c 27 N80-16163

Antenna feed system for receiving circular polarization and transmitting linear polarization
[NASA-CASE-NPO-14362-1] c 32 N80-16261

Apparatus for endoscopic examination
[NASA-CASE-NPO-14092-1] c 52 N80-16725

Method of producing silicon
[NASA-CASE-NPO-14382-1] c 31 N80-18231

High-speed data link for moderate distances and noisy environments
[NASA-CASE-NPO-14152-1] c 32 N80-18252

Radio frequency arraying method for receivers
[NASA-CASE-NPO-14328-1] c 32 N80-18253

High power RF coaxial switch
[NASA-CASE-NPO-14229-1] c 33 N80-18285

Microwave power transmission beam safety system
[NASA-CASE-NPO-14224-1] c 33 N80-18287

Viscosity measuring instrument
[NASA-CASE-NPO-14501-1] c 35 N80-18357

Frequency-scanning particle size spectrometer
[NASA-CASE-NPO-13606-2] c 35 N80-18364

Dielectric-loaded waveguide circulator for cryogenically cooled and cascaded maser waveguide structures
[NASA-CASE-NPO-14254-1] c 36 N80-18372

Method of fabricating a photovoltaic module of a substantially transparent construction
[NASA-CASE-NPO-14303-1] c 44 N80-18550

Driver for solar cell I-V characteristic plots
[NASA-CASE-NPO-14096-1] c 44 N80-18551

Method and means for helium/hydrogen ratio measurement by alpha scattering
[NASA-CASE-NPO-14079-1] c 25 N80-20334

Satellite personal communications system
[NASA-CASE-NPO-14480-1] c 32 N80-20448

Velocity servo for continuous scan Fourier interference spectrometer
[NASA-CASE-NPO-14093-1] c 35 N80-20563

Portable heatable container
[NASA-CASE-NPO-14237-1] c 44 N80-20808

Process for the leaching of AP from propellant
[NASA-CASE-NPO-14109-1] c 28 N80-23471

Dual band combiner for horn antenna
[NASA-CASE-NPO-14519-1] c 32 N80-23524

Passive intrusion detection system
[NASA-CASE-NPO-13804-1] c 33 N80-23559

Quartz ball valve
[NASA-CASE-NPO-14473-1] c 37 N80-23654

Method and apparatus for Doppler frequency modulation of radiation
[NASA-CASE-NPO-14524-1] c 32 N80-24510

Method of mitigating titanium impurities effects in p-type silicon material for solar cells
[NASA-CASE-NPO-14635-1] c 44 N80-24741

Geological assessment probe
[NASA-CASE-NPO-14558-1] c 46 N80-24906

Cooled echelle grating spectrometer
[NASA-CASE-NPO-14372-1] c 35 N80-26635

Simultaneous muscle force and displacement transducer
[NASA-CASE-NPO-14212-1] c 52 N80-27072

Miniature cyclotron resonance ion source using small permanent magnet
[NASA-CASE-NPO-14324-1] c 72 N80-27163

Silicone containing solid propellant
[NASA-CASE-NPO-14477-1] c 28 N80-28536

System for slicing silicon wafers
[NASA-CASE-NPO-14406-1] c 37 N80-29703

Induced junction solar cell and method of fabrication
[NASA-CASE-NPO-13786-1] c 44 N80-29835

Means for growing ribbon crystals without subjecting the crystals to thermal shock-induced strains
[NASA-CASE-NPO-14298-1] c 76 N80-32244

Method of growing a ribbon crystal particularly suited for facilitating automated control of ribbon width
[NASA-CASE-NPO-14295-1] c 76 N80-32245

Interferometric locating system
[NASA-CASE-NPO-14173-1] c 04 N80-32359

Curable liquid hydrocarbon prepolymers containing hydroxyl groups and process for producing same
[NASA-CASE-NPO-13137-1] c 27 N80-32514

Prepolymer dianhydrides
[NASA-CASE-NPO-13899-1] c 27 N80-32515

System for plotting subsoil structure and method therefor
[NASA-CASE-NPO-14191-1] c 31 N80-32584

Support assembly for cryogenically coolable low-noise choke waveguide
[NASA-CASE-NPO-14253-1] c 32 N80-32605

Apparatus for measuring semiconductor device resistance
[NASA-CASE-NPO-14424-1] c 33 N80-32650

Stark cell optoacoustic detection of constituent gases in sample
[NASA-CASE-NPO-14143-1] c 25 N81-14015

Membrane consisting of polyquaternary amine ion exchange polymer network interpenetrating the chains of thermoplastic matrix polymer
[NASA-CASE-NPO-14001-1] c 27 N81-14076

Frequency translating phase conjugation circuit for active retrodirective antenna array
[NASA-CASE-NPO-14536-1] c 32 N81-14185

Precise RF timing signal distribution to remote stations
[NASA-CASE-NPO-14749-1] c 32 N81-14186

Base drive for paralleled inverter systems
[NASA-CASE-NPO-14163-1] c 33 N81-14220

Low cost cryostat
[NASA-CASE-NPO-14513-1] c 35 N81-14287

Power control for hot gas engines
[NASA-CASE-NPO-14220-1] c 37 N81-14318

Method and apparatus for fabricating improved solar cell modules
[NASA-CASE-NPO-14416-1] c 44 N81-14389

Viscoelastic cationic polymers containing the urethane linkage
[NASA-CASE-NPO-10830-1] c 27 N81-15104

Recovery of aluminum from composite propellants
[NASA-CASE-NPO-14110-1] c 28 N81-15119

Continuous coal processing method
[NASA-CASE-NPO-13758-2] c 31 N81-15154

Method and apparatus for quadriphase-shift-key and linear phase modulation
[NASA-CASE-NPO-14444-1] c 33 N81-15192

Speed control device for a heavy duty shaft
[NASA-CASE-NPO-14170-1] c 37 N81-15364

Redundant operation of counter modules
[NASA-CASE-NPO-14162-1] c 60 N81-15706

Insoluble polyelectrolyte and ion-exchange hollow fiber impregnated therewith
[NASA-CASE-NPO-13530-1] c 25 N81-17187

Molten salt pyrolysis of latex
[NASA-CASE-NPO-14315-1] c 27 N81-17261

Phase-angle controller for Stirling engines
[NASA-CASE-NPO-14388-1] c 37 N81-17432

Solar energy receiver for a Stirling engine
[NASA-CASE-NPO-14619-1] c 44 N81-17518

System for forming a quadrified image comprising angularly related fields of view of a three dimensional object
[NASA-CASE-NPO-14219-1] c 74 N81-17886

Double-beam optical method and apparatus for measuring thermal diffusivity and other molecular dynamic processes in utilizing the transient thermal lens effect
[NASA-CASE-NPO-14657-1] c 74 N81-17887

Interferometer
[NASA-CASE-NPO-14502-1] c 74 N81-17888

Ion-exchange hollow fibers
[NASA-CASE-NPO-13309-1] c 25 N81-19244

Apparatus for use in the production of ribbon-shaped crystals from a silicon melt
[NASA-CASE-NPO-14297-1] c 33 N81-19389

Elimination of current spikes in buck power converters
[NASA-CASE-NPO-14505-1] c 33 N81-19393

Copper doped polycrystalline silicon solar cell
[NASA-CASE-NPO-14670-1] c 44 N81-19558

System and method for character recognition
[NASA-CASE-NPO-11337-1] c 74 N81-19896

Multicomputer communication system
[NASA-CASE-NPO-15433-1] c 32 N85-21428
Hollow cathode apparatus
[NASA-CASE-NPO-15560-1] c 33 N85-21491
Method and apparatus for self-calibration and phasing of array antenna
[NASA-CASE-NPO-15920-1] c 33 N85-21493
State-of-charge coulometer
[NASA-CASE-NPO-15759-1] c 35 N85-21596
Carbon granule probe microphone for leak detection
[NASA-CASE-NPO-16027-1] c 35 N85-21597
Portable remote laser sensor for methane leak detection
[NASA-CASE-NPO-15790-1] c 36 N85-21631
Ingot slicing machine and method
[NASA-CASE-NPO-15483-1] c 37 N85-21650
Apparatus and method to keep the walls of a free-space reactor free from deposits of solid materials
[NASA-CASE-NPO-15851-1] c 37 N85-21652
Method of measuring sea surface water temperature with a satellite including wideband passive synthetic-aperture multichannel receiver
[NASA-CASE-NPO-15651-1] c 43 N85-21723
Method and apparatus for calibrating the ionosphere and application to surveillance of geophysical events
[NASA-CASE-NPO-15430-1] c 46 N85-21846
Automatic multi-banking of memory for microprocessors
[NASA-CASE-NPO-15295-1] c 60 N85-21992
Acoustic agglomeration methods and apparatus
[NASA-CASE-NPO-15466-1] c 71 N85-22104
High temperature acoustic levitator
[NASA-CASE-NPO-16022-1] c 71 N85-22105
Focal plane array optical proximity sensor
[NASA-CASE-NPO-15155-1] c 74 N85-22139
Optical system
[NASA-CASE-NPO-15801-1] c 74 N85-23396
Corrosion resistant coating
[NASA-CASE-NPO-15928-1] c 26 N85-29005
Stabilized unsaturated polyesters
[NASA-CASE-NPO-16103-1] c 27 N85-29043
Reciprocating magnetic refrigerator employing tandem porous matrices within a reciprocating displacer
[NASA-CASE-NPO-16257-1] c 31 N85-29082
Retinally stabilized differential resolution television display
[NASA-CASE-NPO-15432-1] c 32 N85-29117
Beam forming network
[NASA-CASE-NPO-15743-1] c 32 N85-29118
Closed loop electrostatic levitation system
[NASA-CASE-NPO-15553-1] c 33 N85-29142
Maser cavity servo-tuning system
[NASA-CASE-NPO-15890-1-CU] c 33 N85-29143
Jet pump-drive system for heat removal
[NASA-CASE-NPO-16494-1-CU] c 34 N85-29182
Trace water sensor
[NASA-CASE-NPO-15722-1] c 35 N85-29212
Digital control of diode laser for atmospheric spectroscopy
[NASA-CASE-NPO-16000-1] c 36 N85-29264
Method for driving two-phase turbines with enhanced efficiency
[NASA-CASE-NPO-15037-2] c 37 N85-29282
Gravity enhanced acoustic levitation method and apparatus
[NASA-CASE-NPO-16147-1-CU] c 71 N85-29693
Optical fiber coupling method and apparatus
[NASA-CASE-NPO-15464-1] c 74 N85-29749
Method for growth of crystals by pressure reduction of supercritical or subcritical solution
[NASA-CASE-NPO-15772-1] c 76 N85-29800
Split-cross-bridge resistor for testing for proper fabrication of integrated circuits
[NASA-CASE-NPO-16021-1] c 33 N85-30187
Arrangement for damping the resonance in a laser diode
[NASA-CASE-NPO-15980-1] c 36 N85-30305
Stable density stratification solar pond
[NASA-CASE-NPO-15419-2] c 44 N85-30474
Increased voltage photovoltaic cell
[NASA-CASE-NPO-16155-1] c 44 N85-30475
Acoustic particle separation
[NASA-CASE-NPO-15559-1] c 71 N85-30765
Low defect, high purity crystalline layers grown by selective deposition
[NASA-CASE-NPO-15813-1] c 76 N85-30922
Method and apparatus for Delta Kappa synthetic aperture radar measurement of ocean current
[NASA-CASE-NPO-15704-1] c 32 N85-34327
Method and apparatus for transfer function simulator for testing complex systems
[NASA-CASE-NPO-15696-1] c 33 N85-34333
Instrumentation for sensing moisture content of material using a transient thermal pulse
[NAS 1.71:NPO-15494-2] c 35 N85-34373
Ranging system which compares an object reflected component of a light beam to a reference component of the light beam
[NASA-CASE-NPO-15865-1] c 74 N85-34629
Shuttle car loading system
[NASA-CASE-NPO-15949-1] c 85 N85-34722
Production of butanol by fermentation in the presence of cocultures of clostridium
[NASA-CASE-NPO-16203-1] c 23 N85-35227
Fluidized bed desulfurization
[NASA-CASE-NPO-15924-1] c 25 N85-35253
Laser activated MTOS microwave device
[NASA-CASE-NPO-16112-1] c 33 N86-19516
Memory metal actuator
[NASA-CASE-NPO-15960-1] c 37 N86-19604
Joint for deployable structures
[NASA-CASE-NPO-16038-1] c 37 N86-19605
Method and apparatus for contour mapping using synthetic aperture radar
[NASA-CASE-NPO-15939-1] c 43 N86-19711
Brushless DC motor control system responsive to control signals generated by a computer or the like
[NASA-CASE-NPO-16420-1] c 33 N86-20681
Vibrating-chamber levitation systems
[NASA-CASE-NPO-16142-1-CU] c 35 N86-20752
Self-locking double retention redundant full pin release
[NASA-CASE-NPO-16233-1] c 37 N86-20801
Neighborhood comparison operator
[NASA-CASE-NPO-16464-1CU] c 60 N86-24224
Method of measuring field tunneling and range straggling in semiconductor charge-collecting junctions
[NASA-CASE-NPO-16584-1-CU] c 76 N86-25269
Solar heated oil shale pyrolysis process
[NASA-CASE-NPO-16392-1] c 25 N86-25428
Discharge cell for optogalvanic spectroscopy having orthogonal relationship between the probe laser and discharge axis
[NASA-CASE-NPO-16271-1] c 35 N86-25753
High dynamic global positioning system receiver
[NASA-CASE-NPO-16171-1CU] c 04 N86-27270
Protective telescoping shield for solar concentrator
[NASA-CASE-NPO-16236-1] c 44 N86-27706
Method of making macrocrystalline or single crystal semiconductor material
[NASA-CASE-NPO-15904-1] c 76 N86-28760
Apparatus for production of ultrapure amorphous metals utilizing acoustic cooling
[NASA-CASE-NPO-15658-1] c 26 N86-32551
Fluidic angular velocity sensor
[NASA-CASE-NPO-16479-1CU] c 35 N86-32695
Double photon excitation of high-Rydberg atoms as a long-lived submillimeter detector
[NASA-CASE-NPO-16372-1] c 72 N86-33127
Compensation for primary reflector wavefront error
[NASA-CASE-NPO-16869-1CU] c 74 N86-33138
Cross-contact chain
[NASA-CASE-NPO-16784-1] c 33 N87-10231
FET charge sensor and voltage probe
[NASA-CASE-NPO-16045-1] c 76 N87-13313
Method of examining microcircuit patterns
[NASA-CASE-NPO-16299-1] c 33 N87-14594
Active hold-down for heat treating
[NASA-CASE-NPO-16892-1-CU] c 37 N87-14704
Ground plane interference elimination by passive element
[NASA-CASE-NPO-16632-1-CU] c 32 N87-15390
Large TV display system
[NASA-CASE-NPO-16932-1CU] c 33 N87-15413
Method for growing low defect, high purity crystalline layers utilizing lateral overgrowth of a patterned mask
[NASA-CASE-NPO-15813-2] c 76 N87-15882
Tank tread assemblies with track-linking mechanism
[NASA-CASE-NPO-16321-1CU] c 37 N87-17034
High band gap 2-6 and 3-5 tunneling junctions for silicon multijunction solar cells
[NASA-CASE-NPO-16526-1CU] c 44 N87-17399
Ten degree Kelvin hydride refrigerator
[NASA-CASE-NPO-16393-1-CU] c 31 N87-21159
Synchronization tracking in pulse position modulation receiver
[NASA-CASE-NPO-16256-1] c 32 N87-21207
Low noise lead screw positioner
[NASA-CASE-NPO-15617-1] c 35 N87-21304
Method for forming hermetic seals
[NASA-CASE-NPO-16423-1-CU] c 37 N87-21334
Reed-Solomon decoder
[NASA-CASE-NPO-15982-1] c 60 N87-21591
Generation of intense negative ion beams
[NASA-CASE-NPO-16061-1-CU] c 72 N87-21660
Variable energy, high flux, ground-state atomic oxygen source
[NASA-CASE-NPO-16640-1-CU] c 72 N87-21661
Method and apparatus for measuring minority carrier lifetime in a direct band-gap semiconductor
[NASA-CASE-NPO-16337-1-CU] c 33 N87-22894
Water-absorbing capacitor system for measuring relative humidity
[NASA-CASE-NPO-16544-1-CU] c 35 N87-22953
Closed loop fiber optic rotation sensor
[NASA-CASE-NPO-16558-1-CU] c 74 N87-23259
Total immersion crystal growth
[NASA-CASE-NPO-15800-2] c 76 N87-23286
Floating emitter solar cell
[NASA-CASE-NPO-16467-1-CU] c 33 N87-23879
Means for phase locking the outputs of a surface emitting laser diode array
[NASA-CASE-NPO-16542-1-CU] c 36 N87-23960
Multiplex electric discharge gas laser system
[NASA-CASE-NPO-16433-1] c 36 N87-23961
Rotary stepping device with memory metal actuator
[NASA-CASE-NPO-15482-1] c 37 N87-23970
Sample levitation and melt in microgravity
[NASA-CASE-NPO-17022-1-CU] c 29 N87-25489
Antimultipath communication by injecting tone into null in signal spectrum
[NASA-CASE-NPO-16414-1-CU] c 32 N87-25511
Method and means for generation of tunable laser sidebands in the far-infrared region
[NASA-CASE-NPO-16497-1-CU] c 36 N87-25567
Hybrid analog-digital associative neural network
[NASA-CASE-NPO-17058-1-CU] c 62 N87-25803
Method and apparatus for enhancing laser absorption sensitivity
[NASA-CASE-NPO-16567-1-CU] c 36 N87-28006
Coaxial cable connector
[NASA-CASE-NPO-16764-1-CU] c 33 N88-14270
Tailorable infrared sensing device with strain layer superlattice structure
[NASA-CASE-NPO-16607-1-CU] c 76 N88-14836
Method of evaporation
[NASA-CASE-NPO-15609-2] c 25 N88-23846
Krypton based adsorption type cryogenic refrigerator
[NASA-CASE-NPO-17334-1-CU] c 31 N88-23917
Cryogenic regenerator including saran-carbon heat conduction matrix
[NASA-CASE-NPO-17291-1-CU] c 34 N88-23946
Real time pipelined system for forming the sum of products in the processing of video data
[NASA-CASE-NPO-16462-1-CU] c 60 N88-24169
Single mode levitation and translation
[NASA-CASE-NPO-16675-1-CU] c 71 N88-24241
Method of producing high T(subc) superconducting NBN films
[NASA-CASE-NPO-16681-1-CU] c 76 N88-24543
Isotope separation using tuned laser and electron beam
[NASA-CASE-NPO-16907-1-CU] c 25 N88-24732
Magnetically switched power supply system for lasers
[NASA-CASE-NPO-16402-2] c 33 N88-24862
Timing control system
[NASA-CASE-NPO-16882-1-CU] c 33 N88-24863
Noncontact temperature pattern measuring device
[NASA-CASE-NPO-17024-1-CU] c 35 N88-24943
Real-time optical multiple object recognition and tracking system and method
[NASA-CASE-NPO-17139-1-CU] c 74 N88-25301
Low-loss, high-isolation, fiber-optic isolator
[NASA-CASE-NPO-17207-1-CU] c 74 N88-25304
Real-time image difference detection using a polarization rotation spacial light modulator
[NASA-CASE-NPO-17144-1-CU] c 74 N88-25305
Data volume reduction for imaging radar polarimetry
[NASA-CASE-NPO-17184-1-CU] c 32 N88-26541
Low noise cryogenic dielectric resonator oscillator
[NASA-CASE-NPO-17157-1-CU] c 33 N88-26596
Method for Veterbi decoding of large constraint length convolutional codes
[NASA-CASE-NPO-17310-1-CU] c 17 N88-28946
Digital phase-lock loop having an estimator and predictor of error
[NASA-CASE-NPO-17196-1-CU] c 32 N88-29076
Power supply conditioning circuit
[NASA-CASE-NPO-17233-1-CU] c 33 N88-29095
Thermocouple for heating and cooling of memory metal actuators
[NASA-CASE-NPO-17068-1-CU] c 35 N88-29151
Nanosequencer digital logic controller
[NASA-CASE-NPO-16116-2] c 60 N88-29310
Self-actuating heat switches for redundant refrigeration systems
[NASA-CASE-NPO-17085-1-CU] c 31 N89-12785
Stabilization and oscillation of an acoustically levitated object
[NASA-CASE-NPO-16896-1-CU] c 71 N89-13236
Passively activated prehensile digit for a robotic end effector
[NASA-CASE-NPO-16766-1-CU] c 37 N89-13785
Dynamic range compression/expansion of light beams by photorefractive crystals
[NASA-CASE-NPO-17140-1-CU] c 74 N89-14077

Remotely controllable real-time optical processor
[NASA-CASE-NPO-16750-1-CU] c 74 N89-14078
Preparation of dilute magnetic semiconductor films by metalorganic chemical vapor deposition
[NASA-CASE-NPO-17399-1-CU] c 76 N89-14120
Joule Thomson refrigerator
[NASA-CASE-NPO-17143-1-CU] c 31 N89-14351
Controlled sample orientation and rotation in an acoustic levitator
[NASA-CASE-NPO-17086-1-CU] c 35 N89-14422
Programmable pipelined image processor
[NASA-CASE-NPO-16461-1CU] c 60 N89-26400
Television monitor field shifter and an opto-electronic method for obtaining a stereo image of optimal depth resolution and reduced depth distortion on a single screen
[NASA-CASE-NPO-17249-1-CU] c 32 N89-28676
Systolic VLSI array for implementing the Kalman filter algorithm
[NASA-CASE-NPO-17108-1-CU] c 33 N89-28713
Reversal electron attachment ionizer for detection of trace species
[NASA-CASE-NPO-17596-1-CU] c 35 N89-28795
Robust high-performance control for robotic manipulators
[NASA-CASE-NPO-17785-1-CU] c 37 N89-28846
Trochoidal analysis of scattered electrons in a merged electron-ion beam geometry
[NASA-CASE-NPO-16789-1-CU] c 72 N89-29169
Two stage sorption type cryogenic refrigerator including heat regeneration system
[NASA-CASE-NPO-17630-1-CU] c 31 N89-29577
Integrated circuit reliability testing
[NASA-CASE-NPO-17393-1-CU] c 33 N89-29679
Low power consumption current transducer
[NASA-CASE-NPO-16888-1-CU] c 33 N89-29681
Distributed proximity sensor system
[NASA-CASE-NPO-17275-1-CU] c 37 N89-29750
Predictive aging of polymers
[NASA-CASE-NPO-17524-1-CU] c 27 N90-10261
Acoustic controlled rotation and orientation
[NASA-CASE-NPO-16995-1-CU] c 71 N90-12289
Stripline feed for a microstrip array of patch elements with teardrop shaped probes
[NASA-CASE-NPO-17548-1-CU] c 32 N90-16104
Apparatus for using a time interval counter to measure frequency stability
[NASA-CASE-NPO-17325-1-CU] c 32 N90-17005
Ballast system for maintaining constant pressure in a glove box
[NASA-CASE-NPO-17786-1-CU] c 35 N90-17104
Tailorable infrared sensing device with strain layer superlattice structure
[NASA-CASE-NPO-16617-2-CU] c 35 N90-17118
Noncontact temperature pattern measuring device
[NASA-CASE-NPO-17824-1-CU] c 36 N90-17132
Articulated suspension system
[NASA-CASE-NPO-17354-1-CU] c 37 N90-17153
Edge geometry superconducting tunnel junctions utilizing an NbN/MgO/NbN thin film structure
[NASA-CASE-NPO-17812-1-CU] c 76 N90-17456
High density tape casting system
[NASA-CASE-NPO-16901-1-CU] c 31 N90-19425
Local area network with fault-checking, priorities, and redundant backup
[NASA-CASE-NPO-16949-1-CU] c 62 N90-19776
Annealing group III-V compound doped silicon-germanium alloy for improved thermo-electric conversion efficiency
[NASA-CASE-NPO-17259-1-CU] c 76 N90-19884
Dual cathode system for electron beam instruments
[NASA-CASE-NPO-16878-1-CU] c 35 N90-20351
VLSI single-chip (255,223) Reed-Solomon encoder with interleaver
[NASA-CASE-NPO-17280-1-CU] c 17 N90-21061
Acoustic convective system
[NASA-CASE-NPO-17278-1-CU] c 31 N90-21215
Alternating gradient photodetector
[NASA-CASE-NPO-17235-1-CU] c 35 N90-21358
VLSI binary updown counter
[NASA-CASE-NPO-17205-1-CU] c 60 N90-21525
Fault tolerant hypercube computer system architecture
[NASA-CASE-NPO-16859-1-CU] c 60 N90-21527
Balanced bridge feedback control system
[NASA-CASE-NPO-17430-1-CU] c 33 N90-21951
Atmospheric autorotating imaging device
[NASA-CASE-NPO-17390-1-CU] c 35 N90-22769
Convergent strand array liquid pumping system
[NASA-CASE-NPO-17301-1-CU] c 31 N90-23587
Long period pseudo random number sequence generator
[NASA-CASE-NPO-17241-1-CU] c 33 N90-23636
Multi-element spherical shell generation
[NASA-CASE-NPO-17203-1-CU] c 34 N90-23700
Computer access security code system
[NASA-CASE-NPO-17525-1-CU] c 60 N90-25583

Improving the geometric fidelity of imaging systems employing sensor arrays
[NASA-CASE-NPO-17970-1-CU] c 43 N90-26384
MBE growth technology for high quality strained III-V layers
[NASA-CASE-NPO-17723-1-CU] c 76 N90-26685
Multistage estimation of received carrier signal parameters under very high dynamic conditions of the receiver
[NASA-CASE-NPO-17911-1-CU] c 32 N90-27016
Method of forming three-dimensional semiconductor structures
[NASA-CASE-NPO-17835-1-CU] c 76 N90-27518
Method for providing a polarization filter for processing synthetic aperture radar image data
[NASA-CASE-NPO-17904-1-CU] c 32 N91-13594
Measurement of waves in flows across a surface
[NASA-CASE-NPO-17479-1-CU] c 34 N91-13658
Motion detection, novelty filtering, and target tracking using an interferometric technique with a GaAs phase conjugate mirror
[NASA-CASE-NPO-17784-1-CU] c 74 N91-13998
Efficient detection and signal parameter estimation with application to high dynamic GPS receiver
[NASA-CASE-NPO-17820-1-CU] c 04 N91-14321
High temperature refractory member with radiation emissive overcoat
[NASA-CASE-NPO-17122-1-CU] c 27 N91-14489
Trellis coded modulation for transmission over fading mobile satellite channel
[NASA-CASE-NPO-16904-2-CU] c 32 N91-14523
Organic cathode for a secondary battery
[NASA-CASE-NPO-17604-1-CU] c 33 N91-14536
Copper chloride cathode for a secondary battery
[NASA-CASE-NPO-17640-1-CU] c 33 N91-14538
Improved high power/high frequency inductor
[NASA-CASE-NPO-17830-1-CU] c 33 N91-14539
Millimeter-wave monolithic diode-grid frequency multiplier
[NASA-CASE-NPO-17258-1-CU] c 33 N91-14551
Apparatus and method for characterizing the transmission efficiency of a mass spectrometer
[NASA-CASE-NPO-16989-1-CU] c 35 N91-14587
Field induced gap infrared detector
[NASA-CASE-NPO-17526-1-CU] c 35 N91-14588
Multi-fingered robotic hand
[NASA-CASE-NPO-15959-2] c 37 N91-14616
Method for detecting surface motions and mapping small terrestrial or planetary surface deformations with synthetic aperture radar
[NASA-CASE-NPO-17831-1-CU] c 43 N91-14642
Distributed computing system with dual independent communications paths between computers and employing split tokens
[NASA-CASE-NPO-17185-1-CU] c 62 N91-14772
Acoustic positioning and orientation prediction
[NASA-CASE-NPO-17511-1-CU] c 71 N91-14807
Acoustic transducer apparatus with reduced thermal conduction
[NASA-CASE-NPO-17620-1-CU] c 71 N91-14808
Surface modification using low energy ground state ion beams
[NASA-CASE-NPO-17498-1-CU] c 72 N91-14813
Energy efficient continuous flow ash lockhopper
[NASA-CASE-NPO-16985-1-CU] c 31 N91-15423
Remote object configuration/orientation determination
[NASA-CASE-NPO-17436-1-CU] c 35 N91-15512
Tm,Ho:YLF laser end-pumped by a semiconductor diode laser array
[NASA-CASE-NPO-17282-1-CU] c 36 N91-15528
Ribbon growing method and apparatus
[NASA-CASE-NPO-16306-1-CU] c 76 N91-15898
Torque sensor having a spoked sensor element support structure
[NASA-CASE-NPO-17461-1-CU] c 35 N91-17350
Cladding for transverse-pumped solid-state laser
[NASA-CASE-NPO-17355-1-CU] c 36 N91-17360
Laterally stacked Schottky diodes for infrared sensor applications
[NASA-CASE-NPO-17426-1-CU] c 33 N91-21434
Method and apparatus for configuration control of redundant robots
[NASA-CASE-NPO-17801-1-CU] c 37 N91-21544
System and method for measuring ocean surface currents at locations remote from land masses using synthetic aperture radar
[NASA-CASE-NPO-17937-1-CU] c 43 N91-21621
Doppler-corrected differential detection system
[NASA-CASE-NPO-16987-1-CU] c 32 N91-25316
Phase ambiguity resolution for offset QPSK modulation systems
[NASA-CASE-NPO-17853-1-CU] c 32 N91-25318
Fluid-loop reaction system
[NASA-CASE-NPO-17204-1-CU] c 34 N91-25380

Dynamic resource allocation scheme for distributed heterogeneous computer systems
[NASA-CASE-NPO-17197-1-CU] c 62 N91-25693
High-gain AlGaAs/GaAs double heterojunction Darlington phototransistors for optical neural networks
[NASA-CASE-NPO-18101-1-CU] c 74 N91-25841
Method and apparatus for second-rank tensor generation
[NASA-CASE-NPO-17512-1-CU] c 74 N91-26918
Molecules with enhanced electronic polarizabilities based on defect-like states in conjugated polymers
[NASA-CASE-NPO-17633-1-CU] c 27 N91-27372
Flexible thermal apparatus for mounting of thermoelectric cooler
[NASA-CASE-NPO-17806-1-CU] c 31 N91-27385
Multiple symbol differential detection
[NASA-CASE-NPO-17896-1-CU] c 32 N91-27439
Metal chloride cathode for a battery
[NASA-CASE-NPO-17809-1-CU] c 33 N91-27478
Fiber optic frequency transfer link
[NASA-CASE-NPO-17703-1-CU] c 74 N91-27957
Thermal treatment of silicon integrated circuit chips to prevent and heal voids in aluminum metallization
[NASA-CASE-NPO-17678-1-CU] c 76 N91-28014
Composite flexible blanket insulation
[NASA-CASE-ARC-11907-1-NP] c 24 N91-31236
A universal computer control system for motors
[NASA-CASE-NPO-17134-1-CU] c 33 N91-31528
Asymmetric soft-error resistant memory
[NASA-CASE-NPO-17394-1-CU] c 60 N91-31810
Synchronized computational architecture for generalized bilateral control of robot arms
[NASA-CASE-NPO-17401-1-CU] c 63 N91-31885
Method and apparatus for producing microshells
[NASA-CASE-NPO-16635-1-CU] c 31 N91-32240
Highly parallel computer architecture for robotic computation
[NASA-CASE-NPO-17632-1-CU] c 60 N91-32805
Analog hardware for learning neural networks
[NASA-CASE-NPO-17664-1-CU] c 62 N91-32852
Regenerative Cu/La zeolite supported desulfurizing sorbents
[NASA-CASE-NPO-17480-1-CU] c 25 N92-10073
Composite video and graphics display for multiple camera viewing system in robotics and teleoperation
[NASA-CASE-NPO-17836-1-CU] c 32 N92-10126
Passivation of high temperature superconductors
[NASA-CASE-NPO-17949-1-CU] c 76 N92-10681
Multicomponent gas sorption Joule-Thomson refrigeration
[NASA-CASE-NPO-17569-1-CU] c 31 N92-15203
Network of dedicated processors for finding lowest-cost map path
[NASA-CASE-NPO-17716-1-CU] c 62 N92-15620
Silicon containing electroconductive polymers and structures made therefrom
[NASA-CASE-NPO-17826-1-CU] c 27 N92-16121
Method and apparatus for increasing resistance of bipolar buried layer integrated circuit devices to single-event upsets
[NASA-CASE-NPO-17573-2-CU] c 33 N92-16196
Thermal power transfer system using applied potential difference to sustain operating pressure difference
[NASA-CASE-NPO-18034-1-CU] c 44 N92-16457
All-optical photochromic spatial light modulators based on photoinduced electron transfer in rigid matrices
[NASA-CASE-NPO-17612-1-CU] c 74 N92-16808
Stereoscopic camera and viewing systems with undistorted depth presentation and reduced or eliminated erroneous acceleration and deceleration perceptions, or with perceptions produced or enhanced for special effects
[NASA-CASE-NPO-18028-1-CU] c 74 N92-16809
Fabrication of nanometer single crystal metallic CoSi2 structures on Si
[NASA-CASE-NPO-17736-2-CU] c 24 N92-18561
Device for mechanically stabilizing web ribbon buttons during growth initiation
[NASA-CASE-NPO-17074-2-CU] c 76 N92-21499
Digital carrier demodulator employing components working beyond normal limits
[NASA-CASE-NPO-17628-1-CU] c 32 N92-21712
Adjustable steam producing flexible orifice independent of fluid pressure
[NASA-CASE-NPO-17625-1-CU] c 34 N92-21724
Analog hardware for delta-backpropagation neural networks
[NASA-CASE-NPO-17564-1-CU] c 32 N92-22033
Equal path, phase shifting, sample point interferometer for monitoring the configuration of surfaces
[NASA-CASE-NPO-17913-1-CU] c 74 N92-22034
Growth of III-V films by control of MBE growth front stoichiometry
[NASA-CASE-NPO-17724-1-CU] c 76 N92-22035
Bilevel shared control for teleoperators
[NASA-CASE-NPO-17800-1-CU] c 37 N92-22036

Method for producing edge geometry superconducting tunnel junctions utilizing an NbN/MgO/NbN thin film structure
[NASA-CASE-NPO-17812-2-CU] c 76 N92-22040

Edge geometry superconducting tunnel junctions utilizing an NbN/MgO/NbN thin film structure
[NASA-CASE-NPO-17812-3-CU] c 76 N92-22041

Electrorepulsive actuator
[NASA-CASE-NPO-17684-1-CU] c 33 N92-22042

Electro-optic resonant phase modulator
[NASA-CASE-NPO-18702-1-CU] c 74 N92-23551

Configuration control of seven-degree-of-freedom arms
[NASA-CASE-NPO-18607-1-CU] c 37 N92-23553

Controlling flexible robot arms using a high speed dynamics process
[NASA-CASE-NPO-18499-1-CU] c 37 N92-24042

Controlling under-actuated robot arms using a high speed dynamics process
[NASA-CASE-NPO-18498-1-CU] c 37 N92-24043

Synchronous parallel system for emulation and discrete event simulation
[NASA-CASE-NPO-18414-1-CU] c 62 N92-24045

An improved SNS superconducting junction with weak link barrier and method of producing
[NASA-CASE-NPO-18552-1-CU] c 33 N92-24246

Secondary Li battery incorporating 12-Crown-4 ether
[NASA-CASE-NPO-17922-1-CU] c 33 N92-28753

Method and apparatus for phasing segmented mirror arrays
[NASA-CASE-NPO-18095-1-CU] c 74 N92-29122

Method and apparatus for frequency spectrum analysis
[NASA-CASE-NPO-17759-1-CU] c 32 N92-29124

Method and apparatus for predicting the direction of movement in machine vision
[NASA-CASE-NPO-17552-1-CU] c 54 N92-29129

Precision measurement of magnetic characteristics of an article with nullification of external magnetic fields
[NASA-CASE-NPO-18187-1-CU] c 70 N92-29130

Microwave temperature profiler for clear air turbulence prediction
[NASA-CASE-NPO-18115-1-CU] c 47 N92-29148

Ultra-high temperature stability Joule-Thomson cooler with capability to accomodate pressure variations
[NASA-CASE-NPO-18184-1-CU] c 35 N92-29156

Sample positioning in microgravity
[NASA-CASE-NPO-18448-1-CU] c 29 N92-30083

Fast temporal neural learning using teacher forcing
[NASA-CASE-NPO-18553-1-CU] c 63 N92-30085

Programmable hyperspectral image mapper with on-array processing
[NASA-CASE-NPO-17794-1-CU] c 74 N92-30104

Encyclopedia of software components
[NASA-CASE-NPO-18435-1-CU] c 61 N92-30543

VLSI architecture for a Reed-Solomon decoder
[NASA-CASE-NPO-17897-1-CU] c 33 N92-33011

Obstacle avoidance for redundant robots using configuration control
[NASA-CASE-NPO-17852-1-CU] c 63 N92-33019

Real-time edge-enhanced optical correlator
[NASA-CASE-NPO-18379-1-CU] c 74 N92-33022

Real time pre-detection dynamic range compression
[NASA-CASE-NPO-18098-1-CU] c 74 N92-33028

Auto and hetero-associative memory using a 2-D optical logic gate
[NASA-CASE-NPO-17997-1-CU] c 60 N92-33057

Hazardous materials emergency response mobile robot
[NASA-CASE-NPO-18690-1-CU] c 37 N92-34205

Cascaded VLSI neural network architecture for on-line learning
[NASA-CASE-NPO-18645-1-CU] c 63 N92-34240

INAS hole-immobilized doping superlattice long-wave-infrared detector
[NASA-CASE-NPO-17880-1-CU] c 76 N93-11056

The adaptive neuron model: An architecture for the rapid learning of nonlinear topological transformations
[NASA-CASE-NPO-18579-1-CU] c 63 N93-11174

Terminal slider control of nonlinear robotic systems
[NASA-CASE-NPO-18584-1-CU] c 37 N93-11177

Mappings between codewords of two distinct (N,K) Reed-Solomon codes over GF(2 sup J)
[NASA-CASE-NPO-18771-1-CU] c 61 N93-11664

Backward assembly planning with DFA analysis
[NASA-CASE-NPO-18817-1-CU] c 31 N93-12202

Quantum well, beam deflecting surface emitting lasers
[NASA-CASE-NPO-18243-1-CU] c 36 N93-13418

Integrated filter and detector array for spectral imaging
[NASA-CASE-NPO-18317-1-CU] c 74 N93-13419

Acoustic device and method for measuring gas densities
[NASA-CASE-NPO-18155-1-CU] c 71 N93-13421

Three-stage sorption type cryogenic refrigeration systems and methods employing heat regeneration
[NASA-CASE-NPO-18366-1-CU] c 31 N93-13422

Large area projection liquid-crystal video display system with inherent grid pattern optically removed
[NASA-CASE-NPO-16932-2-CU] c 74 N93-13711

Real-time edge-enhanced optical correlator
[NASA-CASE-NPO-18521-1-CU] c 74 N93-14404

Core design for use with precision composite reflectors
[NASA-CASE-NPO-17858-1-CU] c 24 N93-14700

Multiperiod-grating surface-emitting lasers
[NASA-CASE-NPO-17763-1-CU] c 36 N93-14703

High speed magneto-resistive random access memory
[NASA-CASE-NPO-17954-1-CU] c 60 N93-14704

Modified fast frequency acquisition via adaptive least squares algorithm
[NASA-CASE-NPO-17845-2-CU] c 61 N93-14882

Near real-time stereo vision system
[NASA-CASE-NPO-18593-1-CU] c 74 N93-18276

Self-collimated unstable resonator semiconductor laser
[NASA-CASE-NPO-18386-1-CU] c 36 N93-18277

Cascaded transformerless DC-DC voltage amplifier with optically isolated switching devices
[NASA-CASE-NPO-17994-1-CU] c 33 N93-18278

Composite video and graphics display for camera viewing systems in robotics and teleoperation
[NASA-CASE-NPO-17836-1-CU] c 32 N93-18284

Method for non-destructive estimation of waveguide directional coupler dimensions
[NASA-CASE-NPO-18454-1-CU] c 33 N93-18285

AMTEC vapor-vapor series connected cells
[NASA-CASE-NPO-18667-1-CU] c 33 N93-19330

Long wavelength infrared detector
[NASA-CASE-NPO-17543-2-CU] c 35 N93-19387

Neural-network dedicated processor for solving competitive assignment problems
[NASA-CASE-NPO-17781-1-CU] c 60 N93-20116

Self-checking on-line testable static RAM
[NASA-CASE-NPO-17939-1-CU] c 60 N93-22032

Force reflecting hand controller
[NASA-CASE-NPO-17851-1-CU] c 37 N93-23078

Composite passive damping struts for large precision structures
[NASA-CASE-NPO-17914-1-CU] c 39 N93-24596

GaAs-based optoelectronic neurons
[NASA-CASE-NPO-18497-1-CU] c 63 N93-24599

Sample positioning in microgravity
[NASA-CASE-NPO-18448-1-CU] c 29 N93-24600

Motion measurement of acoustically levitated object
[NASA-CASE-NPO-18191-1-CU] c 09 N93-24601

Pseudomonas screening assay
[NASA-CASE-NPO-17653-1-CU] c 51 N93-25994

Multipath noise reduction spread spectrum signals
[NASA-CASE-NPO-18970-1-CU] c 32 N93-28126

Extended task space control for robotic manipulators
[NASA-CASE-NPO-18902-1-CU] c 37 N93-28129

Burst-by-burst laser frequency monitor
[NASA-CASE-NPO-18596-1-CU] c 36 N93-28132

Motion-sensitive optical correlator
[NASA-CASE-NPO-18769-1-CU] c 74 N93-28133

Parallel and series fed microstrip array with high efficiency and low cross polarization
[NASA-CASE-NPO-18678-1-CU] c 32 N93-28422

Three-grid accelerator system for an ion propulsion engine
[NASA-CASE-NPO-18391-1-CU] c 20 N93-28424

Diamond composite films for protective coatings on metals and method of formation
[NASA-CASE-NPO-18501-1-CU] c 27 N93-28426

Digital parallel processor array for optimum path planning
[NASA-CASE-NPO-18727-1-CU] c 62 N93-28427

Aberration correction of unstable resonators
[NASA-CASE-NPO-18662-1-CU] c 74 N93-28428

A satellite-tracking millimeter-wave reflector antenna system for mobile satellite-tracking
[NASA-CASE-NPO-18772-1-CU] c 32 N93-28955

Improved real-time imaging spectrometer
[NASA-CASE-NPO-18410-1-CU] c 74 N93-29086

Miniature modular microwave end-to-end receiver
[NASA-CASE-NPO-18713-1-CU] c 32 N93-29087

Three-parameter tunable Tilt-Integral-Derivative (TID) controller
[NASA-CASE-NPO-18492-1-CU] c 63 N93-29176

Parallel inferencing method and apparatus for rule-based expert systems
[NASA-CASE-NPO-18004-1-CU] c 60 N93-29504

Planar microstrip YAGI antenna array
[NASA-CASE-NPO-17873-2-CU] c 32 N93-29507

Special purpose parallel computer architecture for real-time control and simulation in robotic applications
[NASA-CASE-NPO-17629-1-CU] c 60 N93-29608

Wavelength-division multiplexed optical integrated circuit with vertical diffraction grating
[NASA-CASE-NPO-18357-1-CU] c 74 N93-29848

Hidden Markov models for fault detection in dynamic systems
[NASA-CASE-NPO-18982-1-CU] c 38 N93-30413

Tunable CW diode-pumped Tm,Ho:YLiF4 laser operating at or near room temperature
[NASA-CASE-NPO-18611-1-CU] c 36 N93-30415

Virtual reality flight control display with six-degree-of-freedom controller and spherical orientation overlay
[NASA-CASE-NPO-18733-1-CU] c 06 N93-30416

Force reflection with compliance control
[NASA-CASE-NPO-18668-1-CU] c 37 N94-10654

Method for producing a hybridization of detector array and integrated circuit for readout
[NASA-CASE-NPO-18062-1-CU] c 33 N94-10656

Alkali metal for ultraviolet band-pass filter
[NASA-CASE-NPO-18433-1-CU] c 74 N94-10657

Telerobot control system
[NASA-CASE-NPO-18116-1-CU] c 37 N94-10670

Carbon-carbon grid for ion engines
[NASA-CASE-NPO-19174-1-CU] c 20 N94-15876

Cyanoresin, cyanoresin/cellulose triacetate blends for thin film, dielectric capacitors
[NASA-CASE-NPO-18913-1-CU] c 27 N94-15930

Laser with optically driven Q-switch
[NASA-CASE-NPO-18470-1-CU] c 36 N94-15932

Display system employing acousto-optic tunable filter
[NASA-CASE-NPO-18736-1-CU] c 74 N94-15933

Cellulose triacetate, thin film dielectric capacitor
[NASA-CASE-NPO-18935-1-CU] c 33 N94-15952

Unipolar terminal-attractor based neural associative memory with adaptive threshold
[NASA-CASE-NPO-18790-1-CU] c 63 N94-15958

Selective formation of porous silicon
[NASA-CASE-NPO-18735-1-CU] c 27 N94-15960

Aberration correction of unstable resonators
[NASA-CASE-NPO-18791-1-CU] c 35 N94-15987

Leak detection utilizing analog binaural (VLSI) techniques
[NASA-CASE-NPO-18399-1-CU] c 33 N94-17323

Optically-switched submillimeter-wave oscillator and radiator
[NASA-CASE-NPO-18547-1-CU] c 33 N94-17324

Thin composite solid electrolyte film for lithium batteries
[NASA-CASE-NPO-18694-1-CU] c 33 N94-17325

Method and apparatus for spur-reduced digital sinusoid synthesis
[NASA-CASE-NPO-18789-1-CU] c 61 N94-17326

Buried porous silicon-germanium layers in monocrystalline silicon lattices and method of producing
[NASA-CASE-NPO-18836-1-CU] c 76 N94-17327

Non-blocking crossbar permutation engine with constant routing latency
[NASA-CASE-NPO-18864-1-CU] c 62 N94-17328

Electron reversal ionizer for detection of trace species using a spherical cathode
[NASA-CASE-NPO-18870-1-CU] c 72 N94-17329

A scalable wrap-around shuffle exchange network with deflection routing
[NASA-CASE-NPO-18983-1-CU] c 62 N94-17330

Wide angle, single screen, gridded square-loop frequency selective surface for diplexing two closely separated frequency bands
[NASA-CASE-NPO-18664-1-CU] c 89 N94-17438

Optoelectronic associative memory
[NASA-CASE-NPO-18278-1-CU] c 74 N94-20303

Feedback controlled optics with wavefront compensation
[NASA-CASE-NPO-18194-1-CU] c 74 N94-20305

Wide-angle imaging system with fiberoptic components providing angle-dependent virtual material stops
[NASA-CASE-NPO-18146-1-CU] c 74 N94-20345

Electronic neural network for solving traveling salesman and similar global optimization problems
[NASA-CASE-NPO-17807-2-CU] c 63 N94-20360

Segmented ion thruster
[NASA-CASE-NPO-18192-1-CU] c 20 N94-20496

Dual frequency optical carrier technique for transmission of reference frequencies in dispersive media
[NASA-CASE-NPO-18007-2-CU] c 74 N94-23270

Non-volatile, solid state bistable electrical switch
[NASA-CASE-NPO-17621-1-CU] c 33 N94-23820

Planar varactor frequency multiplier devices with blocking barrier
[NASA-CASE-NPO-18428-1-CU] c 33 N94-23821

Overcharge and overdischarge protection of ambient temperature secondary lithium cells
[NASA-CASE-NPO-18343-1-CU] c 33 N94-23823

Method of forming silicon structures with selectable optical characteristics
[NASA-CASE-NPO-18625-1-CU] c 76 N94-23972

Method for forming thin composite solid electrolyte film for lithium batteries
[NASA-CASE-NPO-18877-1-CU] c 33 N94-29357

Plasma heating for containerless and microgravity materials processing
[NASA-CASE-NPO-18819-1-CU] c 29 N94-29371
Digital camera with apparatus for authentication of images produced from an image file
[NASA-CASE-NPO-19108-1-CU] c 35 N94-29373
Method of implementing digital phase-locked loops
[NASA-CASE-NPO-18757-1-CU] c 33 N94-29374
Dendrite preventing separator for secondary lithium batteries
[NASA-CASE-NPO-18585-1-CU] c 33 N94-29411
An emergency response mobile robot for operations in combustible atmospheres
[NASA-CASE-NPO-19020-1-CU] c 37 N94-29420
Nonvolatile programmable neural network synaptic array
[NASA-CASE-NPO-18578-1-CU] c 33 N94-29426
High level language-based robotic control system
[NASA-CASE-NPO-17918-2-CU] c 63 N94-29465
Monolithic in-based III-V compound semiconductor focal plane array cell with single stage CCD output
[NASA-CASE-NPO-18978-1-CU] c 33 N94-29488
Catalytic ignitor for regenerative propellant gun
[NASA-CASE-NPO-18987-1-CU] c 28 N94-29490
Reconfigurable optical interconnections via dynamic computer-generated holograms
[NASA-CASE-NPO-19039-1-CU] c 74 N94-29491
A neural network with modular hierarchical learning
[NASA-CASE-NPO-19077-1-CU] c 63 N94-29492
Lasercom system architecture with reduced complexity
[NASA-CASE-NPO-19069-1-CU] c 36 N94-29493
Extended horizon lifting for periodic gain adjustment in control systems, and for equalization of communication channels
[NASA-CASE-NPO-19166-1-CU] c 32 N94-29495
An alternate method for achieving temperature control in the -160 to +90 C range
[NASA-CASE-NPO-18995-1-CU] c 35 N94-29497
Epitaxial heterojunctions of oxide semiconductors and metals on high temperature superconductors
[NASA-CASE-NPO-18483-1-CU] c 76 N94-29501
Kinematic functions for redundancy resolution using configuration control
[NASA-CASE-NPO-18608-1-CU] c 63 N94-29504
Anode for rechargeable ambient temperature lithium cells
[NASA-CASE-NPO-18580-1-CU] c 33 N94-29505
Neural network with dynamically adaptable neurons
[NASA-CASE-NPO-17803-1-CU] c 63 N94-29756
Correction-free pyrometry in radiant wall furnaces
[NASA-CASE-NPO-18655-1-CU] c 35 N94-35114
High temperature sorbents for oxygen
[NASA-CASE-NPO-18409-1-CU] c 25 N94-35255
Separation tool for multipin electrical connectors
[NASA-CASE-NPO-18786-1-CU] c 37 N94-35375
Adjustable control station with movable monitors and cameras for viewing systems in robotics and teleoperations
[NASA-CASE-NPO-17837-1-CU] c 74 N94-35384
Method and apparatus for removing unwanted reflections from an interferometer
[NASA-CASE-NPO-18478-1-CU] c 74 N94-35749

National Aeronautics and Space Administration. Wallops Flight Center, Wallops Island, VA.
Thin film strain transducer
[NASA-CASE-WLP-10055-1] c 35 N84-28015
Thin film strain transducer
[NASA-CASE-WLP-10055-2] c 35 N85-21598

National Aeronautics and Space Administration. Western Operations Office, Santa Monica, CA.
Automatic pump Patent
[NASA-CASE-XNP-04731] c 15 N71-24042

National Bureau of Standards, Boulder, CO.
Densitometer Patent
[NASA-CASE-XLE-00688] c 14 N70-41330

National Oceanic and Atmospheric Administration, Boulder, CO.
Determining distance to lightning strokes from a single station
[NASA-CASE-KSC-10698] c 07 N73-20175

National Research Corp., Cambridge, MA.
Gauge calibration by diffusion
[NASA-CASE-XGS-07752] c 14 N73-30390
Ultrahigh vacuum measuring ionization gauge
[NASA-CASE-XLA-05087] c 14 N73-30391
Apparatus for absolute pressure measurement
[NASA-CASE-LAR-10000] c 14 N73-30394
Ultrahigh vacuum gauge having two collector electrodes
[NASA-CASE-LAR-02743] c 14 N73-32324
Rock sampling
[NASA-CASE-XNP-10007-1] c 46 N74-23068
Rock sampling
[NASA-CASE-XNP-09755] c 46 N74-23069

National Science Foundation, Washington, DC.
Laser apparatus
[NASA-CASE-GSC-12237-1] c 36 N80-14384

Nevada Univ. System, Reno, NV.
Constant-output atomizer
[NASA-CASE-MFS-25631-1] c 34 N84-12406

New England Medical Center Hospitals, Boston, MA.
Determination of antimicrobial susceptibilities on infected urines without isolation
[NASA-CASE-GSC-12046-1] c 52 N79-14750

North American Aviation, Inc., Canoga Park, CA.
Method of joining aluminum to stainless steel Patent
[NASA-CASE-MFS-07369] c 15 N71-20443
Propellent mass distribution metering apparatus Patent
[NASA-CASE-NPO-10185] c 10 N71-26339
Safety-type locking pin
[NASA-CASE-MFS-18495] c 15 N72-11385
Hydrogen fire detection system with logic circuit to analyze the spectrum of temporal variations of the optical spectrum
[NASA-CASE-MFS-13130] c 10 N72-17173

North American Aviation, Inc., Downey, CA.
Heat shield oven
[NASA-CASE-XMS-04318] c 15 N69-27871
Extensible cable support Patent
[NASA-CASE-XMF-07587] c 15 N71-18701
High pressure air valve Patent
[NASA-CASE-MSC-11010] c 15 N71-19485
Load relieving device Patent
[NASA-CASE-XMS-06329-1] c 15 N71-20441
Optical projector system Patent
[NASA-CASE-XNP-03853] c 23 N71-21882
Brazing alloy Patent
[NASA-CASE-XNP-03063] c 17 N71-23365
Vibrophonocardiograph Patent
[NASA-CASE-XFR-07172] c 05 N71-27234

North American Aviation, Inc., El Segundo, CA.
Aerodynamic spike nozzle Patent
[NASA-CASE-XGS-01143] c 31 N71-15647
Expanding center probe and drogue Patent
[NASA-CASE-XMS-03613] c 31 N71-16346
Radio frequency shielded enclosure Patent
[NASA-CASE-XMF-09422] c 07 N71-19436
High impedance measuring apparatus Patent
[NASA-CASE-XMS-08589-1] c 09 N71-20569
Latching mechanism Patent
[NASA-CASE-XMS-03745] c 15 N71-21076
Tube dimpling tool Patent
[NASA-CASE-XMS-06876] c 15 N71-21536
Positive locking check valve Patent
[NASA-CASE-XMS-09310] c 15 N71-22706
Etching of aluminum for bonding Patent
[NASA-CASE-XMF-02303] c 17 N71-23828
Method and apparatus for varying thermal conductivity Patent
[NASA-CASE-XNP-05524] c 33 N71-24876
Purge device for thrust engines Patent
[NASA-CASE-XMS-04826] c 28 N71-28849
Method and construction for protecting heat sensitive bodies from thermal radiation and convective heat Patent
[NASA-CASE-XNP-01310] c 33 N71-28852
Propellant tank pressurization system Patent
[NASA-CASE-XNP-00650] c 27 N71-28929
Spherical shield Patent
[NASA-CASE-XNP-01855] c 15 N71-28937
Universal restrainer and joint Patent
[NASA-CASE-XNP-02278] c 15 N71-28951
Method and device for cooling Patent
[NASA-CASE-HQN-00938] c 33 N71-29053

North American Aviation, Inc., Los Angeles, CA.
Method and system for respiration analysis Patent
[NASA-CASE-XFR-08403] c 05 N71-11202

North American Aviation, Inc., Torrance, CA.
Method and apparatus for detection and location of microleaks Patent
[NASA-CASE-XMF-02307] c 14 N71-10779

North American Aviation, Inc., Woodland Hills, CA.
Fluid pressure balanced seal
[NASA-CASE-XGS-01286-1] c 37 N79-33469

North American Philips Co., Inc., Briarcliff Manor, NY.
Linear magnetic bearings
[NASA-CASE-GSC-12582-2] c 37 N85-20337

North American Rockwell Corp., Canoga Park, CA.
Noncontaminating swabs
[NASA-CASE-MFS-18100] c 15 N72-11390
Observation window for a gas confining chamber
[NASA-CASE-NPO-10890] c 11 N73-12265
Droplet monitoring probe
[NASA-CASE-NPO-10985] c 14 N73-20478
Circuit board package with wedge shaped covers
[NASA-CASE-MFS-21919-1] c 10 N73-25243
Heat flow calorimeter
[NASA-CASE-GSC-11434-1] c 34 N74-27859

North American Rockwell Corp., Downey, CA.
Spacecraft Patent
[NASA-CASE-MSC-13047-1] c 31 N71-25434
Latching mechanism Patent
[NASA-CASE-MSC-15474-1] c 15 N71-26162
Dye penetrant for surfaces subsequently contacted by liquid oxygen Patent
[NASA-CASE-XMF-02221] c 18 N71-27170
Frangible link
[NASA-CASE-MSC-11849-1] c 15 N72-22488
Impact monitoring apparatus
[NASA-CASE-MSC-15626-1] c 14 N72-25411
Bonding or repairing process
[NASA-CASE-MSC-12357] c 15 N73-12489
Self-cycling fluid heater
[NASA-CASE-MSC-15567-1] c 33 N73-16918
Phase protection system for ac power lines
[NASA-CASE-MSC-17832-1] c 33 N74-14956
Apparatus for remote handling of materials
[NASA-CASE-LAR-10634-1] c 37 N74-18123
Grain refinement control in TIG arc welding
[NASA-CASE-MSC-19095-1] c 37 N75-19683

North American Rockwell Corp., El Segundo, CA.
Apparatus for testing wiring harness by vibration generating means
[NASA-CASE-MSC-15158-1] c 14 N72-17325

North American Rockwell Corp., Los Angeles, CA.
Tactile sensing means for prosthetic limbs
[NASA-CASE-MFS-16570-1] c 05 N73-32013

North Carolina State Univ., Raleigh, NC.
Thermal shock resistant hafnia ceramic material
[NASA-CASE-LAR-10894-1] c 18 N73-14584
Thermal shock and erosion resistant tantalum carbide ceramic material
[NASA-CASE-LAR-11902-1] c 27 N78-17206

Northeastern Univ., Boston, MA.
Pulse-width modulation multiplier Patent
[NASA-CASE-XER-09213] c 07 N71-12390

Northrop Corp., Hawthorne, CA.
Shock tube bypass piston tunnel
[NASA-CASE-NPO-12109] c 11 N72-22245
Folding structure fabricated of rigid panels
[NASA-CASE-XHQ-02146] c 18 N75-27040

Northrop Nortronics, Palos Verdes Peninsula, CA.
Method of making dry electrodes
[NASA-CASE-FRC-10029-2] c 05 N72-25121
Valve seat
[NASA-CASE-NPO-10606] c 15 N72-25451

Northrop Space Labs., Hawthorne, CA.
Method of evaluating moisture barrier properties of encapsulating materials Patent
[NASA-CASE-NPO-10051] c 18 N71-24934

Nortronics, Palos Verdes Peninsula, CA.
Flexible conductive disc electrode Patent
[NASA-CASE-FRC-10029] c 09 N71-24618
Gas low pressure low flow rate metering system Patent
[NASA-CASE-FRC-10022] c 12 N71-26546
Method of removing insulated material from insulated wires
[NASA-CASE-FRC-10038] c 15 N72-20444

Notre Dame Univ., IN.
Synthesis of polymeric schiff bases by schiff-base exchange reactions Patent
[NASA-CASE-XMF-08651] c 06 N71-11236
Direct synthesis of polymeric schiff bases from two amines and two aldehydes Patent
[NASA-CASE-XMF-08655] c 06 N71-11239
Azine polymers and process for preparing the same Patent
[NASA-CASE-XMF-08656] c 06 N71-11242
Synthesis of polymeric schiff bases by reaction of acetals and amine compounds Patent
[NASA-CASE-XMF-08652] c 06 N71-11243
Aromatic diamine-aromatic dialdehyde high molecular weight Schiff base polymers prepared in a monofunctional Schiff base Patent
[NASA-CASE-XMF-03074] c 06 N71-24740

O

Oakland Univ., Rochester, MI.
Optical process for producing classification maps from multispectral data
[NASA-CASE-MSC-14472-1] c 43 N77-10584
Interactive color display for multispectral imagery using correlation clustering
[NASA-CASE-MSC-16253-1] c 32 N79-20297

Occidental Research Corp., La Verne, CA.
Process for preparing higher oxides of the alkali and alkaline earth metals
[NASA-CASE-ARC-10992-1] c 26 N78-32229

Ohio State Univ., Columbus.
Horn antenna having V-shaped corrugated slots
[NASA-CASE-LAR-11112-1] c 32 N76-15330

P

Q

R

S

Stanford Research Inst., Menlo Park, CA.
Automatic fault correction system for parallel signal channels Patent
[NASA-CASE-XNP-03263] c 09 N71-18843
Mercury capillary interrupter Patent
[NASA-CASE-XNP-02251] c 12 N71-20896
Magnetic power switch Patent
[NASA-CASE-NPO-10242] c 09 N71-24803
Procedure and apparatus for determination of water in nitrogen tetroxide
[NASA-CASE-NPO-10234] c 06 N72-17094

Stanford Univ., CA.
Active RC networks
[NASA-CASE-ARC-10042-2] c 10 N72-11256
Multiloop RC active filter apparatus having low parameter sensitivity with low amplifier gain
[NASA-CASE-ARC-10192] c 09 N72-21245
Spacecraft attitude control method and apparatus
[NASA-CASE-HQN-10439] c 21 N72-21624
Laser system with an antiresonant optical ring
[NASA-CASE-HQN-10844-1] c 36 N75-19653
Traveling wave solid state amplifier utilizing a semiconductor with negative differential mobility
[NASA-CASE-HQN-10069] c 33 N75-27251
Reaction cured glass and glass coatings
[NASA-CASE-ARC-11051-1] c 27 N78-32260
Fibrous refractory composite insulation
[NASA-CASE-ARC-11169-1] c 24 N79-24062
Controller arm for a remotely related slave arm
[NASA-CASE-ARC-11052-1] c 37 N79-28551
High temperature glass thermal control structure and coating
[NASA-CASE-ARC-11164-1] c 44 N83-34448
Planar oscillatory stirring apparatus
[NASA-CASE-MFS-26002-1-CU] c 35 N86-26598

Stanford Univ., Palo Alto, CA.
RC networks and amplifiers employing the same
[NASA-CASE-XAC-05462-2] c 10 N72-17171

State Univ. of Iowa, Iowa City, IA.
Mixture separation cell Patent
[NASA-CASE-XMS-02952] c 18 N71-20742

Sylvania Electronic Systems-Central, Williamsville, NY.
Acquisition and tracking system for optical radar
[NASA-CASE-MFS-20125] c 16 N72-13437
Altitude sensing device
[NASA-CASE-XMS-01994-1] c 14 N72-17326

T

Tasg Designs, Inc., College Park, MD.
Recovery of radiation damaged solar cells through thermal annealing
[NASA-CASE-XGS-04047-2] c 03 N72-11062
Phototropic composition of matter
[NASA-CASE-XGS-03736] c 14 N72-22443

Taft Broadcasting Corp., Houston, TX.
Television noise reduction device
[NASA-CASE-MSC-12607-1] c 32 N75-21485

Tamarack Scientific Co., Inc., Orange, CA.
Detector absorptivity measuring method and apparatus
[NASA-CASE-LAR-10907-1] c 35 N76-29551

Technicolor, Inc., Paramus, NJ.
Automatic lightning detection and photographic system
[NASA-CASE-KSC-10728-1] c 14 N73-32319

Technidyne, Inc., West Chester, PA.
Methods and apparatus employing vibratory energy for wrenching Patent
[NASA-CASE-MFS-20586] c 15 N71-17686

Technion - Israel Inst. of Tech., Haifa (Israel).
Modified face seal for positive film stiffness
[NASA-CASE-LEW-12989-1] c 37 N82-12442

Technion Research and Development Foundation Ltd., Haifa (Israel).
Self-stabilizing radial face seal
[NASA-CASE-LEW-12991-1] c 37 N81-24442

Technology, Inc., Houston, TX.
Apparatus and method for processing Korotkov sounds
[NASA-CASE-MSC-13999-1] c 52 N74-26626

Technology, Inc., San Antonio, TX.
Contourograph system for monitoring electrocardiograms
[NASA-CASE-MSC-13407-1] c 10 N72-20225
Modification of the physical properties of freeze-dried rice
[NASA-CASE-MSC-13540-1] c 05 N72-33096

Teledyne Brown Engineering, Huntsville, AL.
Self-recording portable soil penetrometer
[NASA-CASE-MFS-20774] c 14 N73-19420

Temple Univ. Research Inst., Philadelphia, PA.
Barium release system
[NASA-CASE-LAR-10670-1] c 06 N73-30097
Rocket having barium release system to create ion clouds in the upper atmosphere
[NASA-CASE-LAR-10670-2] c 15 N74-27360

Texas A&M Univ., College Station, TX.
Apparatus for use in examining the lattice of a semiconductor wafer by X-ray diffraction
[NASA-CASE-MFS-23315-1] c 76 N78-24950

Texas Instruments, Inc., Dallas.
Integrated circuit including field effect transistor and cermet resistor
[NASA-CASE-GSC-10835-1] c 09 N72-33205
Apparatus for measuring semiconductor device resistance
[NASA-CASE-NPO-14424-1] c 33 N80-32650

Texas Technological Univ., Lubbock, TX.
Insulated electrocardiographic electrodes
[NASA-CASE-MSC-14339-1] c 05 N75-24716

Thiokol Chemical Corp., Bristol, PA.
Casting propellant in rocket engine
[NASA-CASE-LAR-11995-1] c 28 N77-10213

Thiokol Corp., Brigham City, UT.
Process for the leaching of AP from propellant
[NASA-CASE-NPO-14109-1] c 28 N80-23471
Recovery of aluminum from composite propellants
[NASA-CASE-NPO-14110-1] c 28 N81-15119

Thompson Ramo Wooldridge, Inc., Cleveland, OH.
Electromagnetic radiation energy arrangement
[NASA-CASE-WOO-00428-1] c 32 N79-19186

Tisdale (Henry F., Sr.), Treasure Island, FL.
Velocity vector control system augmented with direct lift control
[NASA-CASE-LAR-12268-1] c 08 N81-24106

Trans-Sonics, Inc., Lexington, MA.
Capacitive tank gaging apparatus being independent of liquid distribution
[NASA-CASE-MFS-21629] c 14 N72-22442

TransTechnology Corp., Canyon Country, CA.
Slide release mechanism
[NASA-CASE-MSC-20080-1] c 37 N85-30334

Trident Engineering Associates, Inc., Annapolis, MD.
Spectroscope equipment using a slender cylindrical reflector as a substitute for a slit Patent
[NASA-CASE-XGS-08269] c 23 N71-26206

TRW, Inc., Redondo Beach, CA.
Method of and device for determining the characteristics and flux distribution of micrometeorites
[NASA-CASE-NPO-12127-1] c 91 N74-13130
Reinforced structural plastics
[NASA-CASE-LEW-10199-1] c 27 N74-23125
Capillary flow weld-bonding
[NASA-CASE-LAR-11726-1] c 37 N76-27568
Ruler for making navigational computations
[NASA-CASE-XNP-01458] c 04 N78-17031
Particle parameter analyzing system
[NASA-CASE-XLE-06094] c 33 N78-17293
Temperature compensated current source
[NASA-CASE-MSC-11235] c 33 N78-17294
Shunt regulation electric power system
[NASA-CASE-GSC-10135] c 33 N78-17296
Heat pipe with dual working fluids
[NASA-CASE-ARC-10198] c 34 N78-17336
Multi-chamber controllable heat pipe
[NASA-CASE-ARC-10199] c 34 N78-17337
Microbalance
[NASA-CASE-MSC-11242] c 35 N78-17358
Gas ion laser construction for electrically isolating the pressure gauge thereof
[NASA-CASE-MFS-22597] c 36 N78-17366
Wabble gear drive mechanism
[NASA-CASE-WOO-00625] c 37 N78-17385
Apparatus for handling micron size range particulate material
[NASA-CASE-NPO-10151] c 37 N78-17386
Solar cell module assembly jig
[NASA-CASE-XGS-00829-1] c 44 N79-19447
Low thrust monopropellant engine
[NASA-CASE-GSC-12194-2] c 20 N82-18314
Moisture content and gas sampling device
[NASA-CASE-MSC-18866-1] c 35 N85-29213

TRW Defense and Space Systems Group, Redondo Beach, CA.
Optical crystal temperature gauge with fiber optic connections
[NASA-CASE-MSC-18627-1] c 74 N82-30071

TRW Equipment Labs., Cleveland, OH.
Pulsed energy power system Patent
[NASA-CASE-MSC-13112] c 03 N71-11057

TRW Systems Group, Redondo Beach, CA.
Electromechanical actuator
[NASA-CASE-XNP-05975] c 15 N69-23185
Ablative resin Patent
[NASA-CASE-XLE-05913] c 33 N71-14032
Control valve and co-axial variable injector Patent
[NASA-CASE-XNP-09702] c 15 N71-17654
Multiple orifice throttle valve Patent
[NASA-CASE-XNP-09698] c 15 N71-18580
Semitoroidal diaphragm cavitating valve Patent
[NASA-CASE-XNP-09704] c 12 N71-18615
Passive caging mechanism Patent
[NASA-CASE-GSC-10306-1] c 15 N71-24694
Multiple varactor frequency doubler Patent
[NASA-CASE-XMF-04958-1] c 10 N71-26414
Electrohydrodynamic control valve Patent
[NASA-CASE-NPO-10416] c 12 N71-27332
Booster tank system Patent
[NASA-CASE-MSC-12390] c 27 N71-29155
Resonant infrasonic gauging apparatus
[NASA-CASE-MSC-11847-1] c 14 N72-11363
Wide range analog-to-digital converter with a variable gain amplifier
[NASA-CASE-NPO-11018] c 08 N72-21200
System for preconditioning a combustible vapor
[NASA-CASE-NPO-12072] c 28 N72-22772
Failsafe multiple transformer circuit configuration
[NASA-CASE-NPO-11078] c 09 N72-25262
Digital control and information system
[NASA-CASE-NPO-11016] c 08 N72-31226
Ultrasonically bonded value assembly
[NASA-CASE-NPO-13360-1] c 37 N75-25185
Cosmic dust analyzer
[NASA-CASE-MSC-13802-2] c 35 N76-15431
Weld-bonded titanium structures
[NASA-CASE-LAR-11549-1] c 37 N77-11397
Flat-plate heat pipe
[NASA-CASE-GSC-11998-1] c 34 N77-32413
Spatial filter for Q-switched lasers
[NASA-CASE-LEW-12164-1] c 36 N77-32478
Digital numerically controlled oscillator
[NASA-CASE-MSC-16747-1] c 33 N81-17349
Self-calibrating threshold detector
[NASA-CASE-MSC-16370-1] c 35 N81-19427

Tyco Labs., Inc., Waltham, MA.
Bonding thermoelectric elements to nonmagnetic refractory metal electrodes
[NASA-CASE-XGS-04554] c 15 N69-39786
Segmenting lead telluride-silicon germanium thermoelements Patent
[NASA-CASE-XGS-05718] c 26 N71-16037
Electrocatalyst for oxygen reduction
[NASA-CASE-HQN-10537-1] c 06 N72-10138

U

Ultrasystems, Inc., Irvine, CA.
Heat resistant polymers of oxidized styrylphosphine
[NASA-CASE-MSC-14903-1] c 27 N78-32256
Compound oxidized styrylphosphine
[NASA-CASE-MSC-14903-2] c 27 N80-10358
Heat resistant polymers of oxidized styrylphosphine
[NASA-CASE-MSC-14903-3] c 27 N80-24438

Unified Science Associates, Inc., Pasadena, CA.
Method of producing crystalline materials
[NASA-CASE-NPO-10440] c 15 N72-21466

Union Carbide Corp., New York, NY.
Laser apparatus for removing material from rotating objects Patent
[NASA-CASE-MFS-11279] c 16 N71-20400

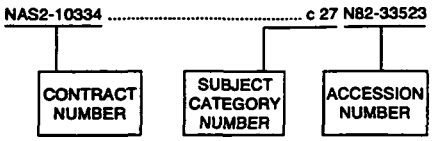
United Aircraft Corp., East Hartford, CT.
Supporting and protecting device Patent
[NASA-CASE-XMF-00580] c 11 N70-35383
Spherical tank gauge Patent
[NASA-CASE-XMS-06236] c 14 N71-21007
Omnidirectional joint Patent
[NASA-CASE-XMS-09635] c 05 N71-24623
Foreshortened convolute section for a pressurized suit Patent
[NASA-CASE-XMS-09637-1] c 05 N71-24730
Tertiary flow injection thrust vectoring system Patent
[NASA-CASE-MFS-20831] c 28 N71-29153
Restraint torso for a pressurized suit
[NASA-CASE-MSC-12397-1] c 05 N72-25119
Transformer regulated self-stabilizing chopper
[NASA-CASE-XGS-09186] c 33 N78-17295
Restraining mechanism
[NASA-CASE-MSC-13054] c 54 N78-17677
Helmet latching and attaching ring
[NASA-CASE-XMS-04670] c 54 N78-17678
Protective garment ventilation system
[NASA-CASE-XMS-04928] c 54 N78-17679
Helmet feedport
[NASA-CASE-XMS-09653] c 54 N78-17680
Emergency space-suit helmet
[NASA-CASE-MSC-10954-1] c 54 N78-18761
Flow diverter value and flow diversion method
[NASA-CASE-HQN-00573-1] c 37 N79-33468
Thermal garment
[NASA-CASE-XMS-03694-1] c 54 N82-29002
Glass compositions with a high modulus of elasticity
[NASA-CASE-HQN-10274-1] c 27 N82-29451

V

W

Y

Typical Contract Number Index Listing

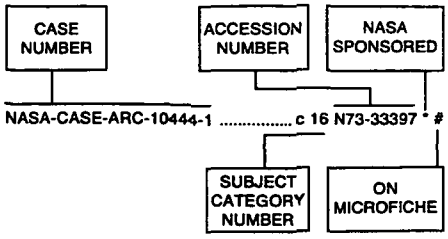


Listings in this index are arranged alphanumerically by contract number. Under each contract number, the accession numbers denoting documents that have been produced as a result of research done under the contract are arranged ascending accession number order. The subject category number indicates the category in Section 1 (Abstracts) in which the citation is located.

NASA PATENT ABSTRACTS BIBLIOGRAPHY
Section 2

January 1995

Typical Number Index Listing



Listings in this index are arranged alphanumerically by "patent" number. The subject category number indicates the category in Section 1 (Abstracts) in which the citation is located. The accession number denotes the number by which the citation is identified within the subject category. An asterisk (*) indicates that the item is a NASA report. A pound sign (#) indicates that the item is available on microfiche.

US-PATENT-APPL-SN-111998 ..... c 21 N73-30640 *
US-PATENT-APPL-SN-11220 ..... c 14 N73-30389 *
US-PATENT-APPL-SN-112366 ..... c 06 N72-10138 * #
US-PATENT-APPL-SN-112483 ..... c 33 N94-17325 * #
US-PATENT-APPL-SN-112497 ..... c 62 N94-17330 * #
US-PATENT-APPL-SN-112988 ..... c 07 N72-32169 *
US-PATENT-APPL-SN-112998 ..... c 14 N73-12445 *
US-PATENT-APPL-SN-112999 ..... c 23 N72-25619 *
US-PATENT-APPL-SN-112999 ..... c 32 N79-19186 *
US-PATENT-APPL-SN-113014 ..... c 27 N81-24257 *
US-PATENT-APPL-SN-113015 ..... c 37 N82-24491 *
US-PATENT-APPL-SN-113954 ..... c 33 N90-23636 *
US-PATENT-APPL-SN-113956 ..... c 60 N90-21527 *
US-PATENT-APPL-SN-114043 ..... c 37 N94-15882 * #
US-PATENT-APPL-SN-114772 ..... c 04 N76-26175 *
US-PATENT-APPL-SN-114846 ..... c 14 N73-12444 *
US-PATENT-APPL-SN-114847 ..... c 15 N72-28496 *
US-PATENT-APPL-SN-114848 ..... c 11 N72-23215 *
US-PATENT-APPL-SN-114849 ..... c 09 N72-27227 *
US-PATENT-APPL-SN-114873 ..... c 09 N73-28083 *
US-PATENT-APPL-SN-115082 ..... c 18 N73-13562 *
US-PATENT-APPL-SN-115083 ..... c 07 N73-25160 *
US-PATENT-APPL-SN-115134 ..... c 06 N73-13128 *
US-PATENT-APPL-SN-115536 ..... c 33 N82-24417 *
US-PATENT-APPL-SN-115832 ..... c 34 N94-15962 * #
US-PATENT-APPL-SN-115944 ..... c 03 N71-34044 * #
US-PATENT-APPL-SN-116777 ..... c 09 N73-19235 *
US-PATENT-APPL-SN-116778 ..... c 09 N72-33205 *
US-PATENT-APPL-SN-116786 ..... c 07 N72-25172 *
US-PATENT-APPL-SN-116790 ..... c 14 N73-30388 *
US-PATENT-APPL-SN-116810 ..... c 33 N88-26596 *
US-PATENT-APPL-SN-116811 ..... c 35 N90-21358 *
US-PATENT-APPL-SN-117511 ..... c 35 N94-35368 *
US-PATENT-APPL-SN-117575 ..... c 08 N73-12177 *
US-PATENT-APPL-SN-117587 ..... c 37 N94-29365 * #
US-PATENT-APPL-SN-118169 ..... c 14 N70-35220 *
US-PATENT-APPL-SN-118200 ..... c 15 N70-34247 *
US-PATENT-APPL-SN-118202 ..... c 28 N70-38710 *
US-PATENT-APPL-SN-118203 ..... c 14 N70-38602 *
US-PATENT-APPL-SN-118269 ..... c 33 N73-26958 *
US-PATENT-APPL-SN-118270 ..... c 09 N72-25260 *
US-PATENT-APPL-SN-11853 ..... c 15 N71-28951 *
US-PATENT-APPL-SN-118992 ..... c 37 N88-29181 *
US-PATENT-APPL-SN-118993 ..... c 52 N90-21519 *
US-PATENT-APPL-SN-118993 ..... c 52 N92-11621 *
US-PATENT-APPL-SN-118995 ..... c 32 N89-25363 *
US-PATENT-APPL-SN-119282 ..... c 03 N72-23048 *
US-PATENT-APPL-SN-119334 ..... c 31 N88-29052 *
US-PATENT-APPL-SN-119335 ..... c 37 N82-24494 *
US-PATENT-APPL-SN-119336 ..... c 33 N82-24421 *
US-PATENT-APPL-SN-119337 ..... c 24 N81-33235 *
US-PATENT-APPL-SN-119339 ..... c 36 N82-28616 *
US-PATENT-APPL-SN-119340 ..... c 35 N82-11432 *
US-PATENT-APPL-SN-120241 ..... c 15 N73-24513 *
US-PATENT-APPL-SN-120795 ..... c 07 N70-40202 *
US-PATENT-APPL-SN-120797 ..... c 14 N70-36824 *
US-PATENT-APPL-SN-120803 ..... c 08 N70-34743 *
US-PATENT-APPL-SN-121328 ..... c 23 N72-11568 * #
US-PATENT-APPL-SN-122740 ..... c 35 N88-23959 * #
US-PATENT-APPL-SN-122965 ..... c 35 N81-26431 *
US-PATENT-APPL-SN-122966 ..... c 33 N82-26568 *
US-PATENT-APPL-SN-122967 ..... c 24 N81-26179 *
US-PATENT-APPL-SN-123253 ..... c 10 N73-12244 *
US-PATENT-APPL-SN-123597 ..... c 21 N70-34297 *
US-PATENT-APPL-SN-123629 ..... c 35 N94-29358 * #
US-PATENT-APPL-SN-124909 ..... c 14 N73-16483 *
US-PATENT-APPL-SN-125021 ..... c 74 N89-14077 *
US-PATENT-APPL-SN-125234 ..... c 07 N73-16121 *
US-PATENT-APPL-SN-125235 ..... c 51 N77-25769 *
US-PATENT-APPL-SN-125236 ..... c 14 N73-26431 *
US-PATENT-APPL-SN-125666 ..... c 32 N89-28676 *
US-PATENT-APPL-SN-125676 ..... c 35 N90-17118 *
US-PATENT-APPL-SN-125677 ..... c 32 N90-20280 *
US-PATENT-APPL-SN-125678 ..... c 38 N90-23756 *
US-PATENT-APPL-SN-125888 ..... c 35 N94-29361 * #
US-PATENT-APPL-SN-125966 ..... c 33 N94-17324 * #
US-PATENT-APPL-SN-125979 ..... c 09 N72-25255 *
US-PATENT-APPL-SN-126063 ..... c 44 N83-10501 *
US-PATENT-APPL-SN-126064 ..... c 33 N82-18493 *
US-PATENT-APPL-SN-126138 ..... c 34 N82-13376 *
US-PATENT-APPL-SN-126286 ..... c 32 N94-29360 * #
US-PATENT-APPL-SN-12661 ..... c 14 N72-22437 *
US-PATENT-APPL-SN-127234 ..... c 08 N70-35423 *
US-PATENT-APPL-SN-127480 ..... c 37 N75-26371 *
US-PATENT-APPL-SN-127481 ..... c 24 N75-28135 *
US-PATENT-APPL-SN-127618 ..... c 02 N73-13008 *
US-PATENT-APPL-SN-127647 ..... c 15 N73-27405 *
US-PATENT-APPL-SN-127653 ..... c 72 N94-17329 * #
US-PATENT-APPL-SN-127886 ..... c 44 N94-35540 * #
US-PATENT-APPL-SN-127915 ..... c 02 N73-26004 *
US-PATENT-APPL-SN-127984 ..... c 33 N75-27250 *
US-PATENT-APPL-SN-128007 ..... c 24 N94-15929 * #
US-PATENT-APPL-SN-128229 ..... c 35 N82-24471 *
US-PATENT-APPL-SN-128230 ..... c 60 N84-28491 *
US-PATENT-APPL-SN-128419 ..... c 14 N73-20477 *
US-PATENT-APPL-SN-129071 ..... c 09 N72-25254 *
US-PATENT-APPL-SN-129072 ..... c 15 N73-13467 *
US-PATENT-APPL-SN-129073 ..... c 15 N73-13464 *
US-PATENT-APPL-SN-129379 ..... c 37 N79-33468 *
US-PATENT-APPL-SN-129579 ..... c 28 N70-35381 *
US-PATENT-APPL-SN-129778 ..... c 60 N82-24839 *
US-PATENT-APPL-SN-129779 ..... c 60 N82-16747 *
US-PATENT-APPL-SN-129780 ..... c 44 N82-24639 *
US-PATENT-APPL-SN-129783 ..... c 04 N82-23231 *
US-PATENT-APPL-SN-129793 ..... c 33 N82-16340 *
US-PATENT-APPL-SN-129798 ..... c 27 N81-27271 *
US-PATENT-APPL-SN-129799 ..... c 27 N82-18389 *
US-PATENT-APPL-SN-130058 ..... c 33 N90-22724 *
US-PATENT-APPL-SN-130353 ..... c 31 N73-14853 *
US-PATENT-APPL-SN-130496 ..... c 36 N83-10417 *
US-PATENT-APPL-SN-130948 ..... c 32 N94-29364 * #
US-PATENT-APPL-SN-132364 ..... c 07 N83-36029 *
US-PATENT-APPL-SN-13266 ..... c 05 N72-23085 *
US-PATENT-APPL-SN-133412 ..... c 33 N89-29681 *
US-PATENT-APPL-SN-133413 ..... c 27 N90-23544 *
US-PATENT-APPL-SN-134441 ..... c 26 N94-29447 * #
US-PATENT-APPL-SN-134443 ..... c 37 N94-29353 * #
US-PATENT-APPL-SN-134444 ..... c 38 N94-29366 * #
US-PATENT-APPL-SN-134479 ..... c 14 N70-33179 *
US-PATENT-APPL-SN-134481 ..... c 11 N70-34815 *
US-PATENT-APPL-SN-134567 ..... c 14 N73-16484 *
US-PATENT-APPL-SN-134568 ..... c 06 N72-31141 *
US-PATENT-APPL-SN-134571 ..... c 21 N73-13644 *
US-PATENT-APPL-SN-134573 ..... c 09 N72-25257 *
US-PATENT-APPL-SN-134619 ..... c 35 N79-33449 *
US-PATENT-APPL-SN-134658 ..... c 15 N73-28515 *
US-PATENT-APPL-SN-134782 ..... c 09 N70-36494 *
US-PATENT-APPL-SN-134855 ..... c 44 N81-24521 *
US-PATENT-APPL-SN-135038 ..... c 33 N83-31954 *
US-PATENT-APPL-SN-135039 ..... c 33 N82-24416 *
US-PATENT-APPL-SN-135040 ..... c 09 N82-11088 *
US-PATENT-APPL-SN-135056 ..... c 37 N81-33483 *
US-PATENT-APPL-SN-135057 ..... c 08 N82-32373 *
US-PATENT-APPL-SN-135058 ..... c 25 N82-26396 *
US-PATENT-APPL-SN-135120 ..... c 37 N88-23973 * #
US-PATENT-APPL-SN-136006 ..... c 09 N72-28225 *
US-PATENT-APPL-SN-136007 ..... c 09 N71-34212 * #
US-PATENT-APPL-SN-136008 ..... c 27 N74-13270 *
US-PATENT-APPL-SN-136085 ..... c 17 N73-12547 *
US-PATENT-APPL-SN-136086 ..... c 15 N73-19457 *
US-PATENT-APPL-SN-136253 ..... c 27 N74-12814 *
US-PATENT-APPL-SN-136652 ..... c 07 N84-24577 *
US-PATENT-APPL-SN-136660 ..... c 31 N83-34073 *
US-PATENT-APPL-SN-137391 ..... c 36 N75-31426 *
US-PATENT-APPL-SN-137912 ..... c 06 N72-21105 * #
US-PATENT-APPL-SN-138046 ..... c 35 N94-35369 *
US-PATENT-APPL-SN-138227 ..... c 26 N72-27784 *
US-PATENT-APPL-SN-138229 ..... c 15 N72-32487 *
US-PATENT-APPL-SN-138230 ..... c 32 N73-20740 *
US-PATENT-APPL-SN-138944 ..... c 37 N82-26672 *
US-PATENT-APPL-SN-139006 ..... c 09 N70-38604 *
US-PATENT-APPL-SN-139007 ..... c 28 N70-37245 *
US-PATENT-APPL-SN-139012 ..... c 03 N70-38713 *
US-PATENT-APPL-SN-139094 ..... c 05 N73-32011 *
US-PATENT-APPL-SN-139250 ..... c 04 N73-27052 *
US-PATENT-APPL-SN-139528 ..... c 03 N72-25020 *
US-PATENT-APPL-SN-139596 ..... c 33 N77-13315 *
US-PATENT-APPL-SN-140185 ..... c 76 N91-21911 *
US-PATENT-APPL-SN-140185 ..... c 74 N91-31950 *
US-PATENT-APPL-SN-140185 ..... c 74 N92-29158 *
US-PATENT-APPL-SN-140185 ..... c 33 N93-20119 *
US-PATENT-APPL-SN-140439 ..... c 33 N75-19518 *
US-PATENT-APPL-SN-140443 ..... c 09 N70-35219 *
US-PATENT-APPL-SN-140509 ..... c 09 N70-35382 *
US-PATENT-APPL-SN-140946 ..... c 18 N73-26572 *
US-PATENT-APPL-SN-140946 ..... c 27 N74-27037 *
US-PATENT-APPL-SN-141220 ..... c 33 N70-37979 *
US-PATENT-APPL-SN-141292 ..... c 24 N94-29496 * #
US-PATENT-APPL-SN-141293 ..... c 24 N94-29485 * #
US-PATENT-APPL-SN-141294 ..... c 35 N94-29368 * #
US-PATENT-APPL-SN-141295 ..... c 61 N94-17326 * #
US-PATENT-APPL-SN-141797 ..... c 33 N94-29374 * #
US-PATENT-APPL-SN-142583 ..... c 37 N79-33469 *
US-PATENT-APPL-SN-142662 ..... c 23 N73-13661 *
US-PATENT-APPL-SN-142719 ..... c 14 N73-14429 *
US-PATENT-APPL-SN-143078 ..... c 08 N72-33172 *
US-PATENT-APPL-SN-143434 ..... c 60 N90-21525 *
US-PATENT-APPL-SN-143436 ..... c 35 N89-14423 *
US-PATENT-APPL-SN-143508 ..... c 33 N74-12913 *
US-PATENT-APPL-SN-143601 ..... c 37 N94-29367 * #
US-PATENT-APPL-SN-144139 ..... c 11 N73-26238 *
US-PATENT-APPL-SN-144803 ..... c 11 N70-34844 *
US-PATENT-APPL-SN-144804 ..... c 14 N70-39898 *
US-PATENT-APPL-SN-14488 ..... c 09 N70-38995 *
US-PATENT-APPL-SN-144958 ..... c 09 N72-20206 * #
US-PATENT-APPL-SN-145007 ..... c 18 N70-36400 *
US-PATENT-APPL-SN-145026 ..... c 06 N72-25152 *
US-PATENT-APPL-SN-145027 ..... c 06 N73-32029 *
US-PATENT-APPL-SN-145107 ..... c 27 N82-16238 *
US-PATENT-APPL-SN-145206 ..... c 32 N82-11336 *
US-PATENT-APPL-SN-145207 ..... c 25 N82-28368 *
US-PATENT-APPL-SN-145208 ..... c 34 N83-34221 *
US-PATENT-APPL-SN-145209 ..... c 27 N82-29453 *
US-PATENT-APPL-SN-145210 ..... c 09 N82-23254 *
US-PATENT-APPL-SN-145271 ..... c 23 N81-29160 *
US-PATENT-APPL-SN-145272 ..... c 33 N82-28545 *
US-PATENT-APPL-SN-145273 ..... c 51 N81-32829 *
US-PATENT-APPL-SN-145282 ..... c 74 N82-24072 *
US-PATENT-APPL-SN-145283 ..... c 27 N81-24256 *
US-PATENT-APPL-SN-145284 ..... c 27 N82-24338 *
US-PATENT-APPL-SN-145719 ..... c 25 N90-20154 *
US-PATENT-APPL-SN-146217 ..... c 14 N71-34389 * #
US-PATENT-APPL-SN-146935 ..... c 14 N73-20475 *
US-PATENT-APPL-SN-146938 ..... c 35 N88-23963 * #
US-PATENT-APPL-SN-146939 ..... c 73 N75-30876 *
US-PATENT-APPL-SN-146939 ..... c 35 N92-21710 *
US-PATENT-APPL-SN-146939 ..... c 09 N93-11057 *
US-PATENT-APPL-SN-146940 ..... c 05 N73-32014 *
US-PATENT-APPL-SN-147099 ..... c 14 N73-13417 *
US-PATENT-APPL-SN-147103 ..... c 10 N73-20253 *
US-PATENT-APPL-SN-147695 ..... c 32 N84-27952 *
US-PATENT-APPL-SN-147700 ..... c 27 N82-24339 *
US-PATENT-APPL-SN-147922 ..... c 28 N73-19793 *
US-PATENT-APPL-SN-147940 ..... c 14 N72-10375 * #
US-PATENT-APPL-SN-147996 ..... c 28 N73-24784 *
US-PATENT-APPL-SN-147997 ..... c 15 N72-33477 *
US-PATENT-APPL-SN-148001 ..... c 14 N70-34298 *
US-PATENT-APPL-SN-148756 ..... c 15 N73-13466 *
US-PATENT-APPL-SN-149283 ..... c 35 N74-17153 *
US-PATENT-APPL-SN-149526 ..... c 52 N82-33996 *
US-PATENT-APPL-SN-149821 ..... c 31 N88-23917 * #
US-PATENT-APPL-SN-149822 ..... c 35 N89-26202 *
US-PATENT-APPL-SN-149830 ..... c 37 N88-23974 * #
US-PATENT-APPL-SN-149889 ..... c 31 N94-29379 * #
US-PATENT-APPL-SN-149896 ..... c 71 N94-29363 * #
US-PATENT-APPL-SN-149983 ..... c 31 N72-21893 * #
US-PATENT-APPL-SN-150040 ..... c 36 N82-29589 *
US-PATENT-APPL-SN-150115 ..... c 44 N82-16475 *
US-PATENT-APPL-SN-150169 ..... c 25 N91-31258 *
US-PATENT-APPL-SN-15019 ..... c 15 N72-17455 *
US-PATENT-APPL-SN-15020 ..... c 14 N70-34697 * #
US-PATENT-APPL-SN-150215 ..... c 33 N73-25952 *
US-PATENT-APPL-SN-15022 ..... c 15 N72-21465 *
US-PATENT-APPL-SN-15023 ..... c 15 N70-34699 * #
US-PATENT-APPL-SN-15024 ..... c 09 N72-21245 *
US-PATENT-APPL-SN-15025 ..... c 03 N72-20033 *
US-PATENT-APPL-SN-150690 ..... c 35 N79-33450 *
US-PATENT-APPL-SN-151112 ..... c 15 N70-34814 *
US-PATENT-APPL-SN-151114 ..... c 31 N70-34176 *
US-PATENT-APPL-SN-151411 ..... c 07 N73-26118 *
US-PATENT-APPL-SN-151412 ..... c 09 N73-32112 *
US-PATENT-APPL-SN-151413 ..... c 14 N73-12447 *
US-PATENT-APPL-SN-151598 ..... c 03 N70-34134 *
US-PATENT-APPL-SN-151690 ..... c 71 N94-29362 * #
US-PATENT-APPL-SN-15222 ..... c 18 N72-25539 *
US-PATENT-APPL-SN-152328 ..... c 02 N74-20646 *
US-PATENT-APPL-SN-152631 ..... c 35 N94-29497 * #
US-PATENT-APPL-SN-152849 ..... c 15 N73-30457 *
US-PATENT-APPL-SN-153240 ..... c 33 N86-19515 *
US-PATENT-APPL-SN-153245 ..... c 74 N83-29032 *
US-PATENT-APPL-SN-153246 ..... c 52 N82-29863 *
US-PATENT-APPL-SN-153266 ..... c 02 N70-38011 *
US-PATENT-APPL-SN-153542 ..... c 28 N73-32606 *
US-PATENT-APPL-SN-153543 ..... c 08 N73-26176 *
US-PATENT-APPL-SN-153595 ..... c 37 N94-29370 * #
US-PATENT-APPL-SN-153624 ..... c 37 N75-27376 *
US-PATENT-APPL-SN-153930 ..... c 52 N94-17085 * #
US-PATENT-APPL-SN-153933 ..... c 29 N94-29371 * #
US-PATENT-APPL-SN-153934 ..... c 37 N94-29420 * #
US-PATENT-APPL-SN-154094 ..... c 33 N72-27959 *
US-PATENT-APPL-SN-154322 ..... c 33 N94-29411 * #
US-PATENT-APPL-SN-154663 ..... c 02 N81-26073 * #
US-PATENT-APPL-SN-154663 ..... c 09 N82-29330 *
US-PATENT-APPL-SN-154711 ..... c 33 N88-24863 * #
US-PATENT-APPL-SN-154712 ..... c 37 N88-24969 * #
US-PATENT-APPL-SN-154713 ..... c 72 N89-29169 *
US-PATENT-APPL-SN-154716 ..... c 74 N88-25302 * #
US-PATENT-APPL-SN-154718 ..... c 74 N88-25301 * #
US-PATENT-APPL-SN-154725 ..... c 37 N82-24493 *
US-PATENT-APPL-SN-154726 ..... c 25 N81-25159 *
US-PATENT-APPL-SN-154930 ..... c 44 N76-14600 *
US-PATENT-APPL-SN-154933 ..... c 14 N73-25463 *
US-PATENT-APPL-SN-154935 ..... c 11 N72-27262 *
US-PATENT-APPL-SN-155565 ..... c 08 N73-25206 *
US-PATENT-APPL-SN-155584 ..... c 09 N70-40123 *
US-PATENT-APPL-SN-155595 ..... c 26 N73-28710 *
US-PATENT-APPL-SN-155596 ..... c 15 N73-32361 *
US-PATENT-APPL-SN-155598 ..... c 15 N73-28516 *
US-PATENT-APPL-SN-156059 ..... c 37 N90-19602 *
US-PATENT-APPL-SN-156393 ..... c 35 N88-24941 * #
US-PATENT-APPL-SN-156518 ..... c 74 N89-25689 *
US-PATENT-APPL-SN-156724 ..... c 21 N73-13643 *
US-PATENT-APPL-SN-156725 ..... c 14 N73-27377 *
US-PATENT-APPL-SN-156778 ..... c 17 N72-28535 *
US-PATENT-APPL-SN-156790 ..... c 25 N82-29371 *
US-PATENT-APPL-SN-157150 ..... c 37 N84-33808 *
US-PATENT-APPL-SN-158327 ..... c 37 N94-29351 * #
US-PATENT-APPL-SN-158331 ..... c 26 N94-29380 * #

194 *
..... c 14 N73-32319 *
-APPL-SN-292685 ..... c 32 N74-20864 *
US-PATENT-APPL-SN-292686 ..... c 20 N74-31269 *
US-PATENT-APPL-SN-292698 ..... c 09 N73-32109 *
US-PATENT-APPL-SN-293412 ..... c 27 N83-34039 *
US-PATENT-APPL-SN-293414 ..... c 37 N84-16560 *
US-PATENT-APPL-SN-293417 ..... c 37 N82-26673 * #
US-PATENT-APPL-SN-293418 ..... c 26 N83-31795 *
US-PATENT-APPL-SN-293419 ..... c 33 N82-24427 * #
US-PATENT-APPL-SN-293725 ..... c 89 N74-30886 *
US-PATENT-APPL-SN-293726 ..... c 37 N74-21055 *
US-PATENT-APPL-SN-293727 ..... c 33 N74-14956 *
US-PATENT-APPL-SN-293739 ..... c 35 N74-28097 *
US-PATENT-APPL-SN-294727 ..... c 73 N77-18891 *
US-PATENT-APPL-SN-294738 ..... c 73 N78-28913 *
US-PATENT-APPL-SN-295855 ..... c 23 N71-17802 *
US-PATENT-APPL-SN-296137 ..... c 74 N84-28590 *
US-PATENT-APPL-SN-296622 ..... c 44 N76-31666 *
US-PATENT-APPL-SN-296879 ..... c 26 N71-18064 *
US-PATENT-APPL-SN-297127 ..... c 33 N74-27705 *
US-PATENT-APPL-SN-297128 ..... c 32 N74-26654 *
US-PATENT-APPL-SN-297436 ..... c 33 N79-11314 *
US-PATENT-APPL-SN-297486 ..... c 35 N83-24828 *
US-PATENT-APPL-SN-297488 ..... c 37 N84-16561 *
US-PATENT-APPL-SN-297524 ..... c 33 N84-14424 *
US-PATENT-APPL-SN-297524 ..... c 33 N84-22886 *
US-PATENT-APPL-SN-298149 ..... c 24 N92-16026 *
US-PATENT-APPL-SN-298150 ..... c 25 N90-23517 *
US-PATENT-APPL-SN-298150 ..... c 25 N91-21270 *
US-PATENT-APPL-SN-298156 ..... c 37 N75-13261 *
US-PATENT-APPL-SN-298156 ..... c 26 N75-19408 *
US-PATENT-APPL-SN-298157 ..... c 33 N74-21850 *
US-PATENT-APPL-SN-298799 ..... c 14 N71-15962 *
US-PATENT-APPL-SN-298800 ..... c 14 N70-34705 *
US-PATENT-APPL-SN-299042 ..... c 15 N71-15918 *
US-PATENT-APPL-SN-29917 ..... c 15 N73-13465 *
US-PATENT-APPL-SN-29917 ..... c 26 N74-10521 *
US-PATENT-APPL-SN-29917 ..... c 37 N74-13179 *
US-PATENT-APPL-SN-29979 ..... c 09 N75-15662 *
US-PATENT-APPL-SN-300113 ..... c 33 N70-33344 *
US-PATENT-APPL-SN-300712 ..... c 15 N70-35407 *
US-PATENT-APPL-SN-300957 ..... c 33 N71-29053 *
US-PATENT-APPL-SN-301039 ..... c 37 N74-27903 *
US-PATENT-APPL-SN-301075 ..... c 25 N83-29324 *
US-PATENT-APPL-SN-301077 ..... c 33 N84-14421 *
US-PATENT-APPL-SN-301078 ..... c 08 N85-19985 *
US-PATENT-APPL-SN-301417 ..... c 71 N74-21014 *
US-PATENT-APPL-SN-301418 ..... c 52 N76-29894 *
US-PATENT-APPL-SN-301419 ..... c 34 N76-17317 *
US-PATENT-APPL-SN-301683 ..... c 07 N71-15907 *
US-PATENT-APPL-SN-301925 ..... c 27 N92-21711 *
US-PATENT-APPL-SN-301925 ..... c 27 N93-11059 *
US-PATENT-APPL-SN-302681 ..... c 37 N75-12326 *
US-PATENT-APPL-SN-302749 ..... c 14 N70-40201 *
US-PATENT-APPL-SN-302913 ..... c 76 N79-16678 *
US-PATENT-APPL-SN-303670 ..... c 37 N82-11469 * #
US-PATENT-APPL-SN-303671 ..... c 31 N83-31896 *
US-PATENT-APPL-SN-303672 ..... c 71 N83-32516 *
US-PATENT-APPL-SN-304147 ..... c 27 N90-23541 *
US-PATENT-APPL-SN-304149 ..... c 31 N89-29577 * #
US-PATENT-APPL-SN-304154 ..... c 37 N91-14607 *
US-PATENT-APPL-SN-304155 ..... c 74 N91-14835 *
US-PATENT-APPL-SN-304430 ..... c 52 N74-27864 *
US-PATENT-APPL-SN-304698 ..... c 32 N70-41579 *
US-PATENT-APPL-SN-304705 ..... c 32 N74-20810 *
US-PATENT-APPL-SN-304749 ..... c 11 N71-16028 *
US-PATENT-APPL-SN-30498 ..... c 37 N74-21063 *
US-PATENT-APPL-SN-305012 ..... c 35 N74-15094 *
US-PATENT-APPL-SN-305013 ..... c 14 N73-13435 * #
US-PATENT-APPL-SN-305020 ..... c 21 N70-34295 *
US-PATENT-APPL-SN-305638 ..... c 34 N74-23066 *
US-PATENT-APPL-SN-305639 ..... c 37 N74-27904 *
US-PATENT-APPL-SN-305675 ..... c 33 N91-31529 *
US-PATENT-APPL-SN-306652 ..... c 33 N74-32712 *
US-PATENT-APPL-SN-307269 ..... c 24 N71-10560 *
US-PATENT-APPL-SN-307270 ..... c 10 N71-16030 *
US-PATENT-APPL-SN-307271 ..... c 09 N71-22999 *
US-PATENT-APPL-SN-307714 ..... c 03 N76-32140 *
US-PATENT-APPL-SN-307727 ..... c 32 N74-20813 *
US-PATENT-APPL-SN-307728 ..... c 34 N74-27861 *
US-PATENT-APPL-SN-307729 ..... c 31 N74-27900 *
US-PATENT-APPL-SN-308007 ..... c 44 N83-34448 *
US-PATENT-APPL-SN-308009 ..... c 33 N83-36355 *
US-PATENT-APPL-SN-308201 ..... c 27 N83-28240 *
US-PATENT-APPL-SN-308201 ..... c 27 N85-21349 *
US-PATENT-APPL-SN-308203 ..... c 34 N84-12406 *
US-PATENT-APPL-SN-308204 ..... c 44 N83-28574 *
US-PATENT-APPL-SN-308918 ..... c 27 N71-15634 *
US-PATENT-APPL-SN-309291 ..... c 37 N88-23982 *
US-PATENT-APPL-SN-309292 ..... c 37 N84-28085 *
US-PATENT-APPL-SN-309293 ..... c 25 N83-13187 *
US-PATENT-APPL-SN-309354 ..... c 11 N71-15926 *
US-PATENT-APPL-SN-310034 ..... c 32 N74-30524 *
US-PATENT-APPL-SN-310193 ..... c 33 N74-27682 *
US-PATENT-APPL-SN-310506 ..... c 10 N71-16042 *
US-PATENT-APPL-SN-310507 ..... c 07 N71-11298 *
US-PATENT-APPL-SN-310615 ..... c 37 N74-27901 *
US-PATENT-APPL-SN-310616 ..... c 35 N74-21017 *
US-PATENT-APPL-SN-310624 ..... c 33 N74-17929 *
US-PATENT-APPL-SN-310714 ..... c 33 N82-11360 * #
US-PATENT-APPL-SN-310992 ..... c 74 N91-26918 *
US-PATENT-APPL-SN-311024 ..... c 60 N91-31810 *
US-PATENT-APPL-SN-311175 ..... c 52 N74-22771 *
US-PATENT-APPL-SN-311234 ..... c 35 N74-23040 *
US-PATENT-APPL-SN-311376 ..... c 76 N92-21499 *
US-PATENT-APPL-SN-311387 ..... c 23 N71-30027 *
US-PATENT-APPL-SN-311551 ..... c 23 N91-14418 *
US-PATENT-APPL-SN-311552 ..... c 33 N92-16196 *
US-PATENT-APPL-SN-312269 ..... c 28 N71-14043 *
US-PATENT-APPL-SN-31242 ..... c 28 N70-33374 *
US-PATENT-APPL-SN-312443 ..... c 10 N71-21473 *
US-PATENT-APPL-SN-313132 ..... c 28 N70-34175 *
US-PATENT-APPL-SN-313135 ..... c 15 N70-35087 *
US-PATENT-APPL-SN-313136 ..... c 09 N71-12540 *
US-PATENT-APPL-SN-313381 ..... c 35 N74-15091 *
US-PATENT-APPL-SN-313839 ..... c 37 N90-21390 *
US-PATENT-APPL-SN-314074 ..... c 15 N71-16079 *
US-PATENT-APPL-SN-314570 ..... c 10 N71-28960 *
US-PATENT-APPL-SN-314572 ..... c 14 N71-15992 *
US-PATENT-APPL-SN-314656 ..... c 51 N77-25769 *
US-PATENT-APPL-SN-314702 ..... c 71 N84-16940 *
US-PATENT-APPL-SN-314928 ..... c 32 N84-34651 *
US-PATENT-APPL-SN-314929 ..... c 71 N83-32515 *
US-PATENT-APPL-SN-315048 ..... c 34 N74-27730 *
US-PATENT-APPL-SN-315069 ..... c 33 N74-20862 *
US-PATENT-APPL-SN-315070 ..... c 60 N76-23850 *
US-PATENT-APPL-SN-315096 ..... c 12 N70-40124 *
US-PATENT-APPL-SN-3151 ..... c 05 N72-27102 *
US-PATENT-APPL-SN-315278 ..... c 51 N83-28849 *
US-PATENT-APPL-SN-315583 ..... c 35 N84-33769 *
US-PATENT-APPL-SN-315584 ..... c 23 N84-16255 *
US-PATENT-APPL-SN-315587 ..... c 25 N83-31743 *
US-PATENT-APPL-SN-315588 ..... c 05 N84-22551 *
US-PATENT-APPL-SN-316477 ..... c 18 N71-10772 *
US-PATENT-APPL-SN-316618 ..... c 07 N74-15453 *
US-PATENT-APPL-SN-31702 ..... c 16 N73-16536 *
US-PATENT-APPL-SN-31703 ..... c 09 N72-21244 *
US-PATENT-APPL-SN-317310 ..... c 36 N77-25502 *
US-PATENT-APPL-SN-317389 ..... c 18 N70-41583 *
US-PATENT-APPL-SN-317391 ..... c 15 N71-15968 *
US-PATENT-APPL-SN-317567 ..... c 36 N75-15029 *
US-PATENT-APPL-SN-317658 ..... c 36 N84-16542 *
US-PATENT-APPL-SN-317776 ..... c 51 N92-34229 *
US-PATENT-APPL-SN-317776 ..... c 51 N92-34231 *
US-PATENT-APPL-SN-317931 ..... c 51 N92-34229 *
US-PATENT-APPL-SN-317931 ..... c 51 N94-35232 *
US-PATENT-APPL-SN-317977 ..... c 25 N83-36118 *
US-PATENT-APPL-SN-318151 ..... c 75 N74-30156 *
US-PATENT-APPL-SN-318152 ..... c 52 N74-20728 *
US-PATENT-APPL-SN-318217 ..... c 35 N91-13694 *
US-PATENT-APPL-SN-318357 ..... c 35 N74-21019 *
US-PATENT-APPL-SN-318358 ..... c 27 N74-27037 *
US-PATENT-APPL-SN-318443 ..... c 03 N70-34667 *
US-PATENT-APPL-SN-318848 ..... c 35 N77-14408 *
US-PATENT-APPL-SN-31885 ..... c 10 N72-17172 *
US-PATENT-APPL-SN-318981 ..... c 33 N92-16197 *
US-PATENT-APPL-SN-319150 ..... c 33 N75-19519 *
US-PATENT-APPL-SN-319410 ..... c 37 N74-20063 *
US-PATENT-APPL-SN-319892 ..... c 07 N71-10609 *
US-PATENT-APPL-SN-319893 ..... c 14 N70-41647 *
US-PATENT-APPL-SN-319894 ..... c 03 N71-11053 *
US-PATENT-APPL-SN-319905 ..... c 14 N71-10781 *
US-PATENT-APPL-SN-320233 ..... c 33 N71-15625 *
US-PATENT-APPL-SN-320595 ..... c 26 N70-40015 *
US-PATENT-APPL-SN-320621 ..... c 27 N83-34040 *
US-PATENT-APPL-SN-321179 ..... c 27 N74-21156 *
US-PATENT-APPL-SN-321180 ..... c 05 N76-29217 *
US-PATENT-APPL-SN-321656 ..... c 14 N70-41807 *
US-PATENT-APPL-SN-322312 ..... c 25 N84-22709 *
US-PATENT-APPL-SN-322314 ..... c 35 N84-12443 *
US-PATENT-APPL-SN-322316 ..... c 31 N83-19947 *
US-PATENT-APPL-SN-322317 ..... c 46 N85-21846 *
US-PATENT-APPL-SN-322321 ..... c 37 N85-21651 *
US-PATENT-APPL-SN-322545 ..... c 14 N71-10774 *
US-PATENT-APPL-SN-322565 ..... c 37 N75-27376 *
US-PATENT-APPL-SN-322997 ..... c 37 N75-15992 *
US-PATENT-APPL-SN-322997 ..... c 24 N79-25143 *
US-PATENT-APPL-SN-322998 ..... c 35 N74-32877 *
US-PATENT-APPL-SN-323182 ..... c 03 N70-41864 *
US-PATENT-APPL-SN-323236 ..... c 24 N90-21822 *
US-PATENT-APPL-SN-323748 ..... c 61 N93-18855 *
US-PATENT-APPL-SN-324029 ..... c 32 N74-27612 *
US-PATENT-APPL-SN-32496 ..... c 15 N70-37925 *
US-PATENT-APPL-SN-325082 ..... c 35 N83-29652 *
US-PATENT-APPL-SN-325083 ..... c 33 N84-16456 *
US-PATENT-APPL-SN-325784 ..... c 24 N76-14204 *
US-PATENT-APPL-SN-325885 ..... c 35 N82-25484 * #
US-PATENT-APPL-SN-325886 ..... c 33 N83-34190 *
US-PATENT-APPL-SN-325931 ..... c 37 N82-26674 * #
US-PATENT-APPL-SN-325932 ..... c 33 N84-16455 *
US-PATENT-APPL-SN-325933 ..... c 76 N83-20789 *
US-PATENT-APPL-SN-326198 ..... c 35 N75-12272 *
US-PATENT-APPL-SN-326298 ..... c 14 N71-22765 *
US-PATENT-APPL-SN-326299 ..... c 26 N71-17818 *
US-PATENT-APPL-SN-326326 ..... c 35 N74-32879 *
US-PATENT-APPL-SN-326327 ..... c 44 N74-27519 *
US-PATENT-APPL-SN-326364 ..... c 51 N75-13502 *
US-PATENT-APPL-SN-32664 ..... c 11 N72-25287 *
US-PATENT-APPL-SN-32665 ..... c 14 N72-22444 *
US-PATENT-APPL-SN-326756 ..... c 71 N91-14808 *
US-PATENT-APPL-SN-326757 ..... c 24 N90-23493 *
US-PATENT-APPL-SN-326757 ..... c 24 N91-17145 *
US-PATENT-APPL-SN-326766 ..... c 35 N90-22024 *
US-PATENT-APPL-SN-326820 ..... c 35 N91-17350 *
US-PATENT-APPL-SN-326863 ..... c 37 N91-17387 *
US-PATENT-APPL-SN-327163 ..... c 03 N71-20895 *
US-PATENT-APPL-SN-327565 ..... c 02 N70-36825 *
US-PATENT-APPL-SN-327921 ..... c 54 N75-13531 *
US-PATENT-APPL-SN-327969 ..... c 35 N75-13213 *
US-PATENT-APPL-SN-328140 ..... c 18 N71-21651 *
US-PATENT-APPL-SN-328392 ..... c 27 N90-23545 *
US-PATENT-APPL-SN-328392 ..... c 23 N91-14419 *
US-PATENT-APPL-SN-328760 ..... c 31 N83-35177 *
US-PATENT-APPL-SN-328792 ..... c 35 N75-12273 *
US-PATENT-APPL-SN-329237 ..... c 33 N74-34638 *
US-PATENT-APPL-SN-329243 ..... c 28 N74-33209 *
US-PATENT-APPL-SN-329331 ..... c 15 N71-15906 *
US-PATENT-APPL-SN-329595 ..... c 05 N70-41329 *
US-PATENT-APPL-SN-329958 ..... c 33 N74-22885 *
US-PATENT-APPL-SN-330209 ..... c 15 N70-41646 *
US-PATENT-APPL-SN-330210 ..... c 14 N71-21090 *
US-PATENT-APPL-SN-331119 ..... c 37 N92-29151 *
US-PATENT-APPL-SN-331323 ..... c 07 N71-16088 *
US-PATENT-APPL-SN-331324 ..... c 05 N70-35152 *
US-PATENT-APPL-SN-331551 ..... c 60 N92-16563 *
US-PATENT-APPL-SN-33159 ..... c 10 N72-11256 *
US-PATENT-APPL-SN-331759 ..... c 07 N76-18117 *
US-PATENT-APPL-SN-331760 ..... c 35 N74-27860 *
US-PATENT-APPL-SN-332123 ..... c 27 N80-32514 *
US-PATENT-APPL-SN-332313 ..... c 21 N71-10678 *
US-PATENT-APPL-SN-332339 ..... c 07 N71-11284 *
US-PATENT-APPL-SN-332677 ..... c 33 N90-21951 *
US-PATENT-APPL-SN-333535 ..... c 74 N83-36898 *
US-PATENT-APPL-SN-333537 ..... c 44 N83-32176 *
US-PATENT-APPL-SN-333766 ..... c 31 N71-15663 *
US-PATENT-APPL-SN-333770 ..... c 21 N71-15583 *
US-PATENT-APPL-SN-333912 ..... c 32 N74-19790 *
US-PATENT-APPL-SN-33398 ..... c 14 N70-35587 * #
US-PATENT-APPL-SN-334349 ..... c 35 N75-19611 *
US-PATENT-APPL-SN-334672 ..... c 14 N70-41330 *
US-PATENT-APPL-SN-334678 ..... c 11 N71-10777 *
US-PATENT-APPL-SN-335036 ..... c 45 N84-12654 *
US-PATENT-APPL-SN-335201 ..... c 33 N74-17927 *
US-PATENT-APPL-SN-33535 ..... c 06 N72-17093 *
US-PATENT-APPL-SN-335441 ..... c 14 N71-23268 *
US-PATENT-APPL-SN-336103 ..... c 16 N71-15550 *
US-PATENT-APPL-SN-336319 ..... c 44 N74-33379 *
US-PATENT-APPL-SN-336320 ..... c 15 N71-15966 *
US-PATENT-APPL-SN-336607 ..... c 10 N71-15910 *
US-PATENT-APPL-SN-336608 ..... c 32 N71-17645 *
US-PATENT-APPL-SN-337487 ..... c 33 N74-26977 *
US-PATENT-APPL-SN-337767 ..... c 31 N90-23587 *
US-PATENT-APPL-SN-337768 ..... c 74 N92-29158 *
US-PATENT-APPL-SN-337768 ..... c 33 N93-20119 *
US-PATENT-APPL-SN-337816 ..... c 35 N75-15931 *
US-PATENT-APPL-SN-338379 ..... c 76 N91-21911 *
US-PATENT-APPL-SN-338386 ..... c 15 N84-16231 *
US-PATENT-APPL-SN-338484 ..... c 32 N74-20811 *
US-PATENT-APPL-SN-339040 ..... c 31 N70-41373 *
US-PATENT-APPL-SN-339806 ..... c 07 N74-27490 *
US-PATENT-APPL-SN-339821 ..... c 17 N70-33288 *
US-PATENT-APPL-SN-339825 ..... c 28 N71-15660 *
US-PATENT-APPL-SN-340113 ..... c 16 N70-41578 *
US-PATENT-APPL-SN-340791 ..... c 35 N74-26945 *
US-PATENT-APPL-SN-340862 ..... c 33 N77-26387 *
US-PATENT-APPL-SN-340863 ..... c 25 N76-27383 *
US-PATENT-APPL-SN-340864 ..... c 31 N74-21059 *
US-PATENT-APPL-SN-340871 ..... c 44 N74-19870 *
US-PATENT-APPL-SN-341406 ..... c 71 N83-35781 *

US-PATENT-APPL-SN-385526 ..... c 12 N71-16031 *
US-PATENT-APPL-SN-385527 ..... c 31 N71-17729 *
US-PATENT-APPL-SN-385530 ..... c 09 N71-10798 *
US-PATENT-APPL-SN-386172 ..... c 24 N91-14430 *
US-PATENT-APPL-SN-386174 ..... c 75 N90-10717 * #
US-PATENT-APPL-SN-386175 ..... c 35 N92-31790 *
US-PATENT-APPL-SN-386467 ..... c 14 N70-40233 *
US-PATENT-APPL-SN-386789 ..... c 35 N75-12271 *
US-PATENT-APPL-SN-386790 ..... c 09 N75-12968 *
US-PATENT-APPL-SN-386793 ..... c 35 N75-25124 *
US-PATENT-APPL-SN-386800 ..... c 15 N71-21404 *
US-PATENT-APPL-SN-387094 ..... c 37 N77-19457 *
US-PATENT-APPL-SN-387095 ..... c 37 N75-33395 *
US-PATENT-APPL-SN-387266 ..... c 35 N75-27328 *
US-PATENT-APPL-SN-387332 ..... c 15 N70-33226 *
US-PATENT-APPL-SN-387342 ..... c 37 N76-18457 *
US-PATENT-APPL-SN-387646 ..... c 37 N85-30336 *
US-PATENT-APPL-SN-387647 ..... c 33 N85-34333 *
US-PATENT-APPL-SN-387648 ..... c 37 N85-21650 *
US-PATENT-APPL-SN-387649 ..... c 09 N85-19990 *
US-PATENT-APPL-SN-387728 ..... c 37 N84-28084 *
US-PATENT-APPL-SN-387928 ..... c 76 N90-17456 * #
US-PATENT-APPL-SN-387928 ..... c 76 N92-22040 *
US-PATENT-APPL-SN-387928 ..... c 76 N92-22041 *
US-PATENT-APPL-SN-388023 ..... c 10 N70-41964 *
US-PATENT-APPL-SN-388024 ..... c 32 N71-17609 *
US-PATENT-APPL-SN-38814 ..... c 15 N72-11385 *
US-PATENT-APPL-SN-38816 ..... c 70 N74-13436 *
US-PATENT-APPL-SN-38816 ..... c 74 N78-15879 *
US-PATENT-APPL-SN-388264 ..... c 37 N91-14614 *
US-PATENT-APPL-SN-388966 ..... c 31 N70-41855 *
US-PATENT-APPL-SN-388967 ..... c 10 N71-23271 *
US-PATENT-APPL-SN-389916 ..... c 18 N75-27041 *
US-PATENT-APPL-SN-389929 ..... c 33 N75-25040 *
US-PATENT-APPL-SN-390049 ..... c 37 N76-16446 * #
US-PATENT-APPL-SN-390049 ..... c 44 N76-29700 *
US-PATENT-APPL-SN-390250 ..... c 21 N70-41856 *
US-PATENT-APPL-SN-390251 ..... c 07 N71-23026 *
US-PATENT-APPL-SN-390466 ..... c 24 N75-13032 *
US-PATENT-APPL-SN-390468 ..... c 36 N75-19652 *
US-PATENT-APPL-SN-391343 ..... c 05 N69-21473 * #
US-PATENT-APPL-SN-391692 ..... c 23 N91-14419 *
US-PATENT-APPL-SN-39185 ..... c 16 N72-25485 *
US-PATENT-APPL-SN-391896 ..... c 43 N91-32546 *
US-PATENT-APPL-SN-391911 ..... c 54 N91-14724 *
US-PATENT-APPL-SN-392092 ..... c 51 N84-28361 *
US-PATENT-APPL-SN-392093 ..... c 33 N88-23941 *
US-PATENT-APPL-SN-392094 ..... c 37 N85-29283 *
US-PATENT-APPL-SN-392096 ..... c 02 N84-11136 *
US-PATENT-APPL-SN-392103 ..... c 44 N84-28204 *
US-PATENT-APPL-SN-392104 ..... c 37 N85-20338 *
US-PATENT-APPL-SN-392165 ..... c 71 N91-27913 *
US-PATENT-APPL-SN-392166 ..... c 24 N92-18561 *
US-PATENT-APPL-SN-392174 ..... c 54 N91-26747 *
US-PATENT-APPL-SN-392228 ..... c 54 N91-14723 *
US-PATENT-APPL-SN-392235 ..... c 37 N91-21542 *
US-PATENT-APPL-SN-392239 ..... c 33 N91-14552 *
US-PATENT-APPL-SN-392823 ..... c 25 N74-33378 *
US-PATENT-APPL-SN-392944 ..... c 76 N85-29800 *
US-PATENT-APPL-SN-392965 ..... c 18 N71-22998 *
US-PATENT-APPL-SN-392969 ..... c 09 N71-23573 *
US-PATENT-APPL-SN-392970 ..... c 32 N70-41367 *
US-PATENT-APPL-SN-392973 ..... c 07 N71-23001 *
US-PATENT-APPL-SN-392992 ..... c 15 N71-23052 *
US-PATENT-APPL-SN-39342 ..... c 09 N72-25252 *
US-PATENT-APPL-SN-39343 ..... c 34 N74-18552 *
US-PATENT-APPL-SN-39344 ..... c 14 N72-25409 *
US-PATENT-APPL-SN-393451 ..... c 02 N70-42016 *
US-PATENT-APPL-SN-393456 ..... c 33 N83-16633 * #
US-PATENT-APPL-SN-393461 ..... c 31 N71-17691 *
US-PATENT-APPL-SN-393464 ..... c 23 N71-21821 *
US-PATENT-APPL-SN-393523 ..... c 12 N75-24774 *
US-PATENT-APPL-SN-393524 ..... c 60 N76-21914 *
US-PATENT-APPL-SN-393525 ..... c 31 N74-32917 *
US-PATENT-APPL-SN-393526 ..... c 77 N75-20139 *
US-PATENT-APPL-SN-393527 ..... c 15 N75-13007 *
US-PATENT-APPL-SN-393528 ..... c 36 N75-19654 *
US-PATENT-APPL-SN-393581 ..... c 54 N84-23113 *
US-PATENT-APPL-SN-393582 ..... c 37 N85-21649 *
US-PATENT-APPL-SN-393583 ..... c 27 N83-29392 * #
US-PATENT-APPL-SN-393584 ..... c 37 N85-30334 *
US-PATENT-APPL-SN-393585 ..... c 37 N82-31690 * #
US-PATENT-APPL-SN-393586 ..... c 54 N84-28484 *
US-PATENT-APPL-SN-393588 ..... c 25 N84-16276 *
US-PATENT-APPL-SN-394149 ..... c 35 N75-25123 *
US-PATENT-APPL-SN-394206 ..... c 76 N75-25730 *
US-PATENT-APPL-SN-394207 ..... c 25 N78-27226 *
US-PATENT-APPL-SN-394280 ..... c 54 N82-29002 *
US-PATENT-APPL-SN-394343 ..... c 52 N91-14709 *
US-PATENT-APPL-SN-394638 ..... c 28 N70-34162 *
US-PATENT-APPL-SN-394898 ..... c 07 N77-28118 *
US-PATENT-APPL-SN-395348 ..... c 15 N71-22713 *
US-PATENT-APPL-SN-395493 ..... c 37 N79-13364 *
US-PATENT-APPL-SN-395495 ..... c 54 N75-27759 *
US-PATENT-APPL-SN-395687 ..... c 37 N75-18573 *
US-PATENT-APPL-SN-395868 ..... c 33 N75-19516 *
US-PATENT-APPL-SN-395895 ..... c 36 N78-17366 *
US-PATENT-APPL-SN-396262 ..... c 31 N91-14508 *
US-PATENT-APPL-SN-396263 ..... c 35 N90-23712 *
US-PATENT-APPL-SN-396443 ..... c 15 N71-15986 *
US-PATENT-APPL-SN-396444 ..... c 10 N71-20782 *
US-PATENT-APPL-SN-396726 ..... c 35 N91-15511 *
US-PATENT-APPL-SN-396726 ..... c 35 N91-21495 *
US-PATENT-APPL-SN-397281 ..... c 76 N83-34796 *
US-PATENT-APPL-SN-397476 ..... c 34 N75-12222 *
US-PATENT-APPL-SN-397477 ..... c 33 N75-19517 *
US-PATENT-APPL-SN-397478 ..... c 52 N75-33640 *
US-PATENT-APPL-SN-39755 ..... c 08 N72-21198 *
US-PATENT-APPL-SN-397665 ..... c 10 N70-41991 *
US-PATENT-APPL-SN-398131 ..... c 05 N70-41297 *
US-PATENT-APPL-SN-398132 ..... c 15 N70-41808 *
US-PATENT-APPL-SN-398885 ..... c 27 N76-15310 *
US-PATENT-APPL-SN-398886 ..... c 07 N75-24736 *
US-PATENT-APPL-SN-398901 ..... c 37 N75-25186 *
US-PATENT-APPL-SN-399074 ..... c 33 N88-14271 *
US-PATENT-APPL-SN-399419 ..... c 21 N71-23289 *
US-PATENT-APPL-SN-400467 ..... c 33 N75-30431 *
US-PATENT-APPL-SN-400613 ..... c 15 N71-21528 *
US-PATENT-APPL-SN-400617 ..... c 31 N71-17629 *
US-PATENT-APPL-SN-400857 ..... c 31 N79-21225 *
US-PATENT-APPL-SN-401224 ..... c 38 N78-17396 *
US-PATENT-APPL-SN-401225 ..... c 38 N78-17395 *
US-PATENT-APPL-SN-401282 ..... c 18 N85-29991 *
US-PATENT-APPL-SN-401288 ..... c 37 N84-28081 *
US-PATENT-APPL-SN-401466 ..... c 09 N75-24758 *
US-PATENT-APPL-SN-401919 ..... c 24 N76-24363 *
US-PATENT-APPL-SN-401920 ..... c 37 N75-25185 *
US-PATENT-APPL-SN-401921 ..... c 24 N76-14203 *
US-PATENT-APPL-SN-402205 ..... c 33 N85-30187 *
US-PATENT-APPL-SN-402365 ..... c 31 N71-17730 *
US-PATENT-APPL-SN-402865 ..... c 33 N74-32660 *
US-PATENT-APPL-SN-402867 ..... c 35 N75-33367 *
US-PATENT-APPL-SN-402868 ..... c 35 N75-19612 *
US-PATENT-APPL-SN-402978 ..... c 10 N71-23084 *
US-PATENT-APPL-SN-403154 ..... c 37 N77-22480 *
US-PATENT-APPL-SN-403371 ..... c 27 N82-33523 * #
US-PATENT-APPL-SN-403378 ..... c 26 N84-33555 *
US-PATENT-APPL-SN-403694 ..... c 54 N75-12616 *
US-PATENT-APPL-SN-403695 ..... c 35 N77-20399 *
US-PATENT-APPL-SN-403847 ..... c 31 N83-35176 *
US-PATENT-APPL-SN-403848 ..... c 33 N85-21493 *
US-PATENT-APPL-SN-403849 ..... c 35 N87-21304 *
US-PATENT-APPL-SN-403959 ..... c 14 N70-41994 *
US-PATENT-APPL-SN-403960 ..... c 14 N70-41366 *
US-PATENT-APPL-SN-404212 ..... c 14 N73-32324 *
US-PATENT-APPL-SN-404288 ..... c 33 N91-14536 *
US-PATENT-APPL-SN-404289 ..... c 26 N91-14462 *
US-PATENT-APPL-SN-404290 ..... c 34 N91-14563 *
US-PATENT-APPL-SN-404291 ..... c 74 N91-21871 *
US-PATENT-APPL-SN-404292 ..... c 37 N91-14609 *
US-PATENT-APPL-SN-404293 ..... c 32 N90-16104 * #
US-PATENT-APPL-SN-404809 ..... c 27 N84-27885 *
US-PATENT-APPL-SN-404809 ..... c 25 N85-28982 *
US-PATENT-APPL-SN-405154 ..... c 37 N91-21539 *
US-PATENT-APPL-SN-405168 ..... c 70 N91-21824 *
US-PATENT-APPL-SN-405169 ..... c 33 N91-14538 *
US-PATENT-APPL-SN-405341 ..... c 37 N76-15460 *
US-PATENT-APPL-SN-405342 ..... c 35 N75-19615 *
US-PATENT-APPL-SN-405346 ..... c 37 N75-30562 *
US-PATENT-APPL-SN-405629 ..... c 09 N71-10677 *
US-PATENT-APPL-SN-405630 ..... c 14 N71-10616 *
US-PATENT-APPL-SN-405632 ..... c 21 N71-15582 *
US-PATENT-APPL-SN-406097 ..... c 14 N71-21088 *
US-PATENT-APPL-SN-406296 ..... c 25 N79-10163 *
US-PATENT-APPL-SN-406715 ..... c 35 N75-15014 *
US-PATENT-APPL-SN-406820 ..... c 74 N86-32266 *
US-PATENT-APPL-SN-407240 ..... c 27 N83-34041 *
US-PATENT-APPL-SN-407240 ..... c 27 N85-20124 *
US-PATENT-APPL-SN-407323 ..... c 32 N75-21485 *
US-PATENT-APPL-SN-407595 ..... c 28 N70-41992 *
US-PATENT-APPL-SN-407599 ..... c 14 N71-21091 *
US-PATENT-APPL-SN-407603 ..... c 05 N71-11199 *
US-PATENT-APPL-SN-408435 ..... c 15 N71-28937 *
US-PATENT-APPL-SN-408438 ..... c 07 N71-22750 *
US-PATENT-APPL-SN-408442 ..... c 10 N71-23662 *
US-PATENT-APPL-SN-408575 ..... c 35 N83-32026 *
US-PATENT-APPL-SN-409126 ..... c 18 N71-21068 *
US-PATENT-APPL-SN-409678 ..... c 09 N84-27749 *
US-PATENT-APPL-SN-409679 ..... c 33 N82-33634 * #
US-PATENT-APPL-SN-409679 ..... c 33 N84-22884 *
US-PATENT-APPL-SN-409680 ..... c 35 N85-20294 *
US-PATENT-APPL-SN-409990 ..... c 35 N75-27330 *
US-PATENT-APPL-SN-409991 ..... c 33 N75-13139 *
US-PATENT-APPL-SN-410325 ..... c 18 N71-23088 *
US-PATENT-APPL-SN-410326 ..... c 09 N71-21449 *
US-PATENT-APPL-SN-410330 ..... c 26 N71-23043 *
US-PATENT-APPL-SN-410331 ..... c 02 N70-41589 *
US-PATENT-APPL-SN-410332 ..... c 14 N71-23039 *
US-PATENT-APPL-SN-410572 ..... c 27 N90-15259 * #
US-PATENT-APPL-SN-410576 ..... c 24 N91-31236 *
US-PATENT-APPL-SN-410576 ..... c 24 N94-29509 *
US-PATENT-APPL-SN-411572 ..... c 35 N75-15932 *
US-PATENT-APPL-SN-411944 ..... c 15 N70-41629 *
US-PATENT-APPL-SN-411945 ..... c 18 N71-23047 *
US-PATENT-APPL-SN-411949 ..... c 27 N71-15635 *
US-PATENT-APPL-SN-412039 ..... c 06 N84-34443 *
US-PATENT-APPL-SN-412079 ..... c 37 N75-13266 *
US-PATENT-APPL-SN-412080 ..... c 36 N75-19653 *
US-PATENT-APPL-SN-412379 ..... c 32 N77-10392 *
US-PATENT-APPL-SN-413101 ..... c 07 N86-20389 *
US-PATENT-APPL-SN-41345 ..... c 09 N72-29172 *
US-PATENT-APPL-SN-41346 ..... c 15 N72-24522 *
US-PATENT-APPL-SN-41347 ..... c 09 N72-25256 *
US-PATENT-APPL-SN-41348 ..... c 09 N72-23173 *
US-PATENT-APPL-SN-413661 ..... c 15 N71-23024 *
US-PATENT-APPL-SN-413662 ..... c 09 N70-41929 *
US-PATENT-APPL-SN-414042 ..... c 35 N79-17192 *
US-PATENT-APPL-SN-414043 ..... c 27 N76-32315 *
US-PATENT-APPL-SN-41404 ..... c 03 N73-20039 *
US-PATENT-APPL-SN-414106 ..... c 54 N84-16803 *
US-PATENT-APPL-SN-414107 ..... c 35 N84-22932 *
US-PATENT-APPL-SN-414237 ..... c 35 N85-30282 *
US-PATENT-APPL-SN-41430 ..... c 10 N72-20221 *
US-PATENT-APPL-SN-41431 ..... c 37 N77-27400 *
US-PATENT-APPL-SN-414482 ..... c 10 N71-10578 *
US-PATENT-APPL-SN-41455 ..... c 02 N70-33255 *
US-PATENT-APPL-SN-414811 ..... c 32 N92-22033 *
US-PATENT-APPL-SN-414812 ..... c 35 N90-17104 * #
US-PATENT-APPL-SN-414815 ..... c 33 N91-26438 *
US-PATENT-APPL-SN-414816 ..... c 37 N91-14617 *
US-PATENT-APPL-SN-414820 ..... c 33 N94-23820 *
US-PATENT-APPL-SN-415486 ..... c 37 N75-19683 *
US-PATENT-APPL-SN-415878 ..... c 08 N86-27268 *
US-PATENT-APPL-SN-415879 ..... c 37 N85-21652 *
US-PATENT-APPL-SN-415880 ..... c 27 N84-27884 *
US-PATENT-APPL-SN-415960 ..... c 37 N85-20337 *
US-PATENT-APPL-SN-416135 ..... c 32 N75-15854 *
US-PATENT-APPL-SN-416938 ..... c 11 N71-10746 *
US-PATENT-APPL-SN-416940 ..... c 21 N71-21708 *
US-PATENT-APPL-SN-416941 ..... c 31 N70-34159 *
US-PATENT-APPL-SN-416943 ..... c 14 N71-23269 *
US-PATENT-APPL-SN-416945 ..... c 10 N71-23543 *
US-PATENT-APPL-SN-416946 ..... c 28 N71-15563 *
US-PATENT-APPL-SN-417253 ..... c 11 N71-23042 *
US-PATENT-APPL-SN-418137 ..... c 16 N84-22601 *
US-PATENT-APPL-SN-418138 ..... c 16 N84-27784 *
US-PATENT-APPL-SN-418139 ..... c 24 N84-27829 *
US-PATENT-APPL-SN-418320 ..... c 03 N91-31113 *
US-PATENT-APPL-SN-418362 ..... c 14 N71-20741 *
US-PATENT-APPL-SN-418372 ..... c 27 N91-13562 * #
US-PATENT-APPL-SN-418373 ..... c 33 N91-27479 *
US-PATENT-APPL-SN-418374 ..... c 35 N91-14591 *
US-PATENT-APPL-SN-418611 ..... c 27 N91-27372 *
US-PATENT-APPL-SN-418612 ..... c 33 N91-14550 *
US-PATENT-APPL-SN-418931 ..... c 05 N70-42000 *
US-PATENT-APPL-SN-418933 ..... c 15 N71-23022 *
US-PATENT-APPL-SN-419319 ..... c 34 N76-17317 *
US-PATENT-APPL-SN-419554 ..... c 23 N91-25185 *
US-PATENT-APPL-SN-419747 ..... c 17 N76-21250 *
US-PATENT-APPL-SN-419748 ..... c 27 N76-14264 *
US-PATENT-APPL-SN-419831 ..... c 35 N75-21582 *
US-PATENT-APPL-SN-419831 ..... c 35 N77-17426 *
US-PATENT-APPL-SN-42022 ..... c 15 N70-35409 *
US-PATENT-APPL-SN-420245 ..... c 08 N71-22749 *
US-PATENT-APPL-SN-420250 ..... c 15 N71-23051 *
US-PATENT-APPL-SN-420424 ..... c 34 N75-26282 *
US-PATENT-APPL-SN-420466 ..... c 14 N71-23092 *
US-PATENT-APPL-SN-420813 ..... c 36 N75-32441 *
US-PATENT-APPL-SN-42088 ..... c 34 N78-17336 *
US-PATENT-APPL-SN-421702 ..... c 44 N75-32581 *
US-PATENT-APPL-SN-421702 ..... c 44 N76-23675 *
US-PATENT-APPL-SN-422092 ..... c 14 N71-22989 *
US-PATENT-APPL-SN-422095 ..... c 07 N71-10676 *
US-PATENT-APPL-SN-422096 ..... c 03 N71-29044 *
US-PATENT-APPL-SN-422097 ..... c 11 N71-21481 *
US-PATENT-APPL-SN-422098 ..... c 15 N71-22797 *
US-PATENT-APPL-SN-422099 ..... c 14 N71-22964 *
US-PATENT-APPL-SN-422726 ..... c 71 N91-27914 *
US-PATENT-APPL-SN-422864 ..... c 05 N69-21925 * #
US-PATENT-APPL-SN-422865 ..... c 31 N70-41631 *
US-PATENT-APPL-SN-422867 ..... c 15 N70-40062 *
US-PATENT-APPL-SN-422868 ..... c 15 N71-10617 *
US-PATENT-APPL-SN-422869 ..... c 14 N71-10779 *
US-PATENT-APPL-SN-423016 ..... c 36 N85-21631 *
US-PATENT-APPL-SN-423412 ..... c 08 N71-22897 *
US-PATENT-APPL-SN-424013 ..... c 34 N76-27517 *
US-PATENT-APPL-SN-424038 ..... c 24 N75-30260 *
US-PATENT-APPL-SN-424153 ..... c 15 N71-21234 *
US-PATENT-APPL-SN-424156 ..... c 02 N71-23007 *
US-PATENT-APPL-SN-424157 ..... c 28 N70-41275 *
US-PATENT-APPL-SN-425096 ..... c 05 N71-23080 *
US-PATENT-APPL-SN-425201 ..... c 04 N86-19304 *
US-PATENT-APPL-SN-425202 ..... c 74 N85-34629 *
US-PATENT-APPL-SN-425203 ..... c 35 N84-22930 *
US-PATENT-APPL-SN-425204 ..... c 32 N85-29117 *
US-PATENT-APPL-SN-425205 ..... c 35 N85-21595 *
US-PATENT-APPL-SN-425362 ..... c 15 N71-10658 *
US-PATENT-APPL-SN-425363 ..... c 09 N71-20658 *

US-PATENT-APPL-SN-425364 ..... c 33 N71-15623 *
US-PATENT-APPL-SN-425365 ..... c 32 N71-21045 *
US-PATENT-APPL-SN-425972 ..... c 03 N71-23006 *
US-PATENT-APPL-SN-426155 ..... c 33 N75-15874 *
US-PATENT-APPL-SN-426345 ..... c 25 N90-15161 * #
US-PATENT-APPL-SN-426345 ..... c 25 N91-32196 *
US-PATENT-APPL-SN-426405 ..... c 25 N75-26043 *
US-PATENT-APPL-SN-426455 ..... c 28 N71-15661 *
US-PATENT-APPL-SN-426702 ..... c 15 N70-42034 *
US-PATENT-APPL-SN-427395 ..... c 54 N75-27760 *
US-PATENT-APPL-SN-427775 ..... c 27 N76-22376 *
US-PATENT-APPL-SN-427990 ..... c 06 N71-23527 *
US-PATENT-APPL-SN-428444 ..... c 44 N76-18642 *
US-PATENT-APPL-SN-428444 ..... c 44 N76-29704 *
US-PATENT-APPL-SN-428882 ..... c 31 N70-41948 *
US-PATENT-APPL-SN-428887 ..... c 33 N71-29051 *
US-PATENT-APPL-SN-428890 ..... c 02 N70-41630 *
US-PATENT-APPL-SN-428992 ..... c 34 N77-18382 *
US-PATENT-APPL-SN-428993 ..... c 45 N75-27585 *
US-PATENT-APPL-SN-428994 ..... c 32 N75-21486 *
US-PATENT-APPL-SN-428994 ..... c 32 N76-16249 *
US-PATENT-APPL-SN-428995 ..... c 51 N75-25503 *
US-PATENT-APPL-SN-429437 ..... c 35 N75-23910 *
US-PATENT-APPL-SN-429514 ..... c 24 N93-13416 *
US-PATENT-APPL-SN-429514 ..... c 24 N94-35372 * #
US-PATENT-APPL-SN-429515 ..... c 14 N92-15081 *
US-PATENT-APPL-SN-429516 ..... c 05 N92-21587 *
US-PATENT-APPL-SN-429574 ..... c 27 N93-29083 *
US-PATENT-APPL-SN-429734 ..... c 04 N91-14321 *
US-PATENT-APPL-SN-429737 ..... c 34 N90-27071 * #
US-PATENT-APPL-SN-429739 ..... c 25 N92-33009 *
US-PATENT-APPL-SN-429739 ..... c 24 N93-29023 *
US-PATENT-APPL-SN-429739 ..... c 25 N94-35229 *
US-PATENT-APPL-SN-429739 ..... c 31 N94-35445 *
US-PATENT-APPL-SN-429932 ..... c 05 N71-20268 *
US-PATENT-APPL-SN-430192 ..... c 18 N71-27170 *
US-PATENT-APPL-SN-430226 ..... c 18 N71-23658 *
US-PATENT-APPL-SN-430470 ..... c 27 N90-26955 * #
US-PATENT-APPL-SN-430470 ..... c 27 N94-35233 *
US-PATENT-APPL-SN-430496 ..... c 26 N75-29236 *
US-PATENT-APPL-SN-430748 ..... c 76 N79-21910 *
US-PATENT-APPL-SN-430776 ..... c 03 N70-41954 *
US-PATENT-APPL-SN-430777 ..... c 18 N71-24184 *
US-PATENT-APPL-SN-430778 ..... c 03 N71-10728 *
US-PATENT-APPL-SN-430780 ..... c 03 N71-12260 *
US-PATENT-APPL-SN-431235 ..... c 15 N71-16052 *
US-PATENT-APPL-SN-431420 ..... c 37 N85-29282 *
US-PATENT-APPL-SN-431448 ..... c 37 N84-22957 *
US-PATENT-APPL-SN-431538 ..... c 18 N91-27200 *
US-PATENT-APPL-SN-431886 ..... c 18 N84-27787 *
US-PATENT-APPL-SN-432025 ..... c 15 N71-21531 *
US-PATENT-APPL-SN-432026 ..... c 07 N71-23405 *
US-PATENT-APPL-SN-432027 ..... c 21 N70-41930 *
US-PATENT-APPL-SN-432028 ..... c 15 N71-22723 *
US-PATENT-APPL-SN-432030 ..... c 12 N71-20896 *
US-PATENT-APPL-SN-432032 ..... c 15 N69-24322 * #
US-PATENT-APPL-SN-432057 ..... c 33 N84-14423 *
US-PATENT-APPL-SN-432433 ..... c 15 N71-22705 *
US-PATENT-APPL-SN-433196 ..... c 44 N84-23019 *
US-PATENT-APPL-SN-43327 ..... c 15 N72-26371 *
US-PATENT-APPL-SN-433598 ..... c 27 N84-22747 *
US-PATENT-APPL-SN-433804 ..... c 16 N90-16781 * #
US-PATENT-APPL-SN-433812 ..... c 27 N92-33008 *
US-PATENT-APPL-SN-433821 ..... c 09 N71-16089 *
US-PATENT-APPL-SN-433863 ..... c 24 N91-17145 *
US-PATENT-APPL-SN-433881 ..... c 37 N92-10197 *
US-PATENT-APPL-SN-433968 ..... c 33 N75-25041 *
US-PATENT-APPL-SN-434084 ..... c 33 N84-27974 *
US-PATENT-APPL-SN-434085 ..... c 33 N85-29145 *
US-PATENT-APPL-SN-434087 ..... c 27 N86-19457 *
US-PATENT-APPL-SN-434143 ..... c 15 N71-15871 *
US-PATENT-APPL-SN-434148 ..... c 31 N71-24750 *
US-PATENT-APPL-SN-434195 ..... c 27 N92-22044 *
US-PATENT-APPL-SN-434672 ..... c 34 N84-14461 *
US-PATENT-APPL-SN-434674 ..... c 34 N83-35307 *
US-PATENT-APPL-SN-435387 ..... c 10 N70-42032 *
US-PATENT-APPL-SN-435433 ..... c 14 N71-30026 *
US-PATENT-APPL-SN-435511 ..... c 27 N84-27886 *
US-PATENT-APPL-SN-435756 ..... c 12 N71-16894 *
US-PATENT-APPL-SN-436313 ..... c 54 N77-32721 *
US-PATENT-APPL-SN-436315 ..... c 26 N75-19408 *
US-PATENT-APPL-SN-436316 ..... c 20 N76-14191 *
US-PATENT-APPL-SN-436317 ..... c 37 N76-24575 *
US-PATENT-APPL-SN-437556 ..... c 27 N76-16230 *
US-PATENT-APPL-SN-437611 ..... c 09 N71-22796 *
US-PATENT-APPL-SN-437912 ..... c 33 N85-29142 *
US-PATENT-APPL-SN-437917 ..... c 60 N85-33701 *
US-PATENT-APPL-SN-438135 ..... c 09 N71-23027 *
US-PATENT-APPL-SN-438147 ..... c 75 N76-14931 *
US-PATENT-APPL-SN-438446 ..... c 74 N86-20126 *
US-PATENT-APPL-SN-438797 ..... c 14 N71-10500 *
US-PATENT-APPL-SN-43883 ..... c 18 N73-30532 *
US-PATENT-APPL-SN-43884 ..... c 15 N72-25457 *
US-PATENT-APPL-SN-439317 ..... c 27 N92-31792 *
US-PATENT-APPL-SN-439489 ..... c 09 N70-41717 *
US-PATENT-APPL-SN-439490 ..... c 23 N69-24332 * #
US-PATENT-APPL-SN-440033 ..... c 27 N70-41897 *
US-PATENT-APPL-SN-440036 ..... c 09 N71-23097 *
US-PATENT-APPL-SN-440039 ..... c 09 N71-22888 *
US-PATENT-APPL-SN-440656 ..... c 27 N85-21348 *
US-PATENT-APPL-SN-440916 ..... c 33 N75-27252 *
US-PATENT-APPL-SN-440917 ..... c 37 N76-18459 *
US-PATENT-APPL-SN-441279 ..... c 35 N75-29382 *
US-PATENT-APPL-SN-441672 ..... c 37 N91-27560 *
US-PATENT-APPL-SN-441673 ..... c 37 N91-21541 *
US-PATENT-APPL-SN-441896 ..... c 76 N90-20896 *
US-PATENT-APPL-SN-441897 ..... c 35 N84-33768 *
US-PATENT-APPL-SN-441899 ..... c 27 N84-14322 *
US-PATENT-APPL-SN-441936 ..... c 14 N69-39975 * #
US-PATENT-APPL-SN-442558 ..... c 15 N71-10799 *
US-PATENT-APPL-SN-442815 ..... c 76 N87-23286 *
US-PATENT-APPL-SN-442835 ..... c 26 N71-29156 *
US-PATENT-APPL-SN-443289 ..... c 27 N92-10090 *
US-PATENT-APPL-SN-443297 ..... c 33 N91-14539 *
US-PATENT-APPL-SN-443406 ..... c 25 N91-21270 *
US-PATENT-APPL-SN-443414 ..... c 27 N92-10091 *
US-PATENT-APPL-SN-443522 ..... c 33 N92-22042 *
US-PATENT-APPL-SN-443523 ..... c 20 N92-10054 *
US-PATENT-APPL-SN-443539 ..... c 32 N91-25318 *
US-PATENT-APPL-SN-444087 ..... c 02 N71-11041 * #
US-PATENT-APPL-SN-444124 ..... c 52 N84-23095 *
US-PATENT-APPL-SN-444125 ..... c 20 N83-17588 * #
US-PATENT-APPL-SN-444149 ..... c 47 N84-28292 *
US-PATENT-APPL-SN-444150 ..... c 35 N84-22933 *
US-PATENT-APPL-SN-445178 ..... c 37 N76-15461 *
US-PATENT-APPL-SN-445292 ..... c 11 N71-23030 *
US-PATENT-APPL-SN-445398 ..... c 74 N78-15880 *
US-PATENT-APPL-SN-445807 ..... c 14 N71-22996 *
US-PATENT-APPL-SN-446071 ..... c 25 N82-29370 *
US-PATENT-APPL-SN-446131 ..... c 14 N71-22992 *
US-PATENT-APPL-SN-446560 ..... c 12 N76-15189 *
US-PATENT-APPL-SN-446562 ..... c 36 N76-14447 *
US-PATENT-APPL-SN-446564 ..... c 35 N75-26334 *
US-PATENT-APPL-SN-446567 ..... c 34 N76-27515 *
US-PATENT-APPL-SN-446568 ..... c 37 N76-23570 *
US-PATENT-APPL-SN-446569 ..... c 77 N75-20140 *
US-PATENT-APPL-SN-447124 ..... c 35 N75-30503 *
US-PATENT-APPL-SN-447371 ..... c 27 N84-22746 *
US-PATENT-APPL-SN-447927 ..... c 11 N71-10776 *
US-PATENT-APPL-SN-447928 ..... c 15 N71-10577 *
US-PATENT-APPL-SN-447930 ..... c 14 N69-39896 * #
US-PATENT-APPL-SN-447933 ..... c 03 N69-21337 * #
US-PATENT-APPL-SN-448320 ..... c 91 N76-30131 *
US-PATENT-APPL-SN-448321 ..... c 27 N78-32261 *
US-PATENT-APPL-SN-448323 ..... c 18 N76-17185 *
US-PATENT-APPL-SN-448325 ..... c 33 N75-26244 *
US-PATENT-APPL-SN-448365 ..... c 10 N71-26414 *
US-PATENT-APPL-SN-448881 ..... c 32 N85-29118 *
US-PATENT-APPL-SN-448898 ..... c 15 N70-41310 *
US-PATENT-APPL-SN-449118 ..... c 33 N75-19524 *
US-PATENT-APPL-SN-449153 ..... c 54 N75-27761 *
US-PATENT-APPL-SN-449209 ..... c 39 N92-29155 *
US-PATENT-APPL-SN-449210 ..... c 27 N90-26956 * #
US-PATENT-APPL-SN-449211 ..... c 39 N92-28757 *
US-PATENT-APPL-SN-449211 ..... c 39 N92-29101 *
US-PATENT-APPL-SN-449901 ..... c 28 N70-41967 *
US-PATENT-APPL-SN-449902 ..... c 14 N70-41681 *
US-PATENT-APPL-SN-450166 ..... c 33 N84-27975 *
US-PATENT-APPL-SN-450319 ..... c 33 N84-33661 *
US-PATENT-APPL-SN-450500 ..... c 37 N76-18455 *
US-PATENT-APPL-SN-450502 ..... c 37 N76-18456 *
US-PATENT-APPL-SN-450504 ..... c 23 N77-17161 *
US-PATENT-APPL-SN-450505 ..... c 37 N75-31446 *
US-PATENT-APPL-SN-45053 ..... c 33 N75-31330 *
US-PATENT-APPL-SN-451596 ..... c 17 N71-29137 *
US-PATENT-APPL-SN-451896 ..... c 26 N86-32551 *
US-PATENT-APPL-SN-452464 ..... c 24 N84-11213 *
US-PATENT-APPL-SN-452465 ..... c 25 N90-11824 *
US-PATENT-APPL-SN-452466 ..... c 03 N84-33394 *
US-PATENT-APPL-SN-452761 ..... c 33 N75-19522 *
US-PATENT-APPL-SN-452767 ..... c 05 N75-25915 *
US-PATENT-APPL-SN-452768 ..... c 52 N76-30793 *
US-PATENT-APPL-SN-452769 ..... c 44 N76-16612 *
US-PATENT-APPL-SN-452770 ..... c 33 N75-31332 *
US-PATENT-APPL-SN-452944 ..... c 18 N71-24183 *
US-PATENT-APPL-SN-452945 ..... c 18 N69-39979 * #
US-PATENT-APPL-SN-453115 ..... c 32 N76-14321 *
US-PATENT-APPL-SN-453225 ..... c 15 N71-24833 *
US-PATENT-APPL-SN-453227 ..... c 31 N71-10582 *
US-PATENT-APPL-SN-453229 ..... c 17 N71-23828 *
US-PATENT-APPL-SN-453231 ..... c 23 N71-15467 *
US-PATENT-APPL-SN-453232 ..... c 15 N71-21311 *
US-PATENT-APPL-SN-453232 ..... c 18 N75-19329 *
US-PATENT-APPL-SN-453241 ..... c 33 N75-29318 *
US-PATENT-APPL-SN-455163 ..... c 32 N75-26195 *
US-PATENT-APPL-SN-455165 ..... c 36 N75-30524 *
US-PATENT-APPL-SN-45519 ..... c 14 N72-25410 *
US-PATENT-APPL-SN-455352 ..... c 33 N71-20834 *
US-PATENT-APPL-SN-455477 ..... c 08 N71-19687 *
US-PATENT-APPL-SN-45549 ..... c 27 N76-16228 *
US-PATENT-APPL-SN-456460 ..... c 26 N84-27855 *
US-PATENT-APPL-SN-456578 ..... c 07 N70-41678 *
US-PATENT-APPL-SN-456581 ..... c 09 N71-23021 *
US-PATENT-APPL-SN-456874 ..... c 06 N71-23499 *
US-PATENT-APPL-SN-457295 ..... c 20 N75-24837 *
US-PATENT-APPL-SN-457874 ..... c 09 N71-23545 *
US-PATENT-APPL-SN-457875 ..... c 31 N70-42015 *
US-PATENT-APPL-SN-457876 ..... c 02 N71-12243 *
US-PATENT-APPL-SN-457879 ..... c 15 N71-21078 *
US-PATENT-APPL-SN-457990 ..... c 85 N85-34722 *
US-PATENT-APPL-SN-457992 ..... c 35 N85-29212 *
US-PATENT-APPL-SN-458065 ..... c 37 N91-13731 * #
US-PATENT-APPL-SN-458258 ..... c 35 N91-21493 *
US-PATENT-APPL-SN-458274 ..... c 37 N91-21540 *
US-PATENT-APPL-SN-458280 ..... c 60 N93-29608 *
US-PATENT-APPL-SN-458467 ..... c 76 N90-17454 * #
US-PATENT-APPL-SN-458476 ..... c 18 N92-21999 *
US-PATENT-APPL-SN-458484 ..... c 44 N76-14595 *
US-PATENT-APPL-SN-459029 ..... c 37 N91-21544 *
US-PATENT-APPL-SN-459138 ..... c 14 N71-10773 *
US-PATENT-APPL-SN-459407 ..... c 14 N73-30391 *
US-PATENT-APPL-SN-459438 ..... c 63 N94-29465 *
US-PATENT-APPL-SN-459736 ..... c 33 N75-26245 *
US-PATENT-APPL-SN-459842 ..... c 35 N85-30281 *
US-PATENT-APPL-SN-460509 ..... c 37 N84-33807 *
US-PATENT-APPL-SN-460876 ..... c 09 N69-21470 * #
US-PATENT-APPL-SN-460877 ..... c 33 N71-23085 *
US-PATENT-APPL-SN-461073 ..... c 33 N75-26246 *
US-PATENT-APPL-SN-461477 ..... c 37 N75-19686 *
US-PATENT-APPL-SN-461724 ..... c 31 N85-21404 *
US-PATENT-APPL-SN-461765 ..... c 17 N71-23046 *
US-PATENT-APPL-SN-461788 ..... c 27 N85-21349 *
US-PATENT-APPL-SN-462341 ..... c 44 N76-31666 *
US-PATENT-APPL-SN-462424 ..... c 24 N77-19171 *
US-PATENT-APPL-SN-462497 ..... c 25 N85-21279 *
US-PATENT-APPL-SN-462508 ..... c 35 N86-19580 *
US-PATENT-APPL-SN-462705 ..... c 37 N75-19684 *
US-PATENT-APPL-SN-462762 ..... c 12 N69-21466 * #
US-PATENT-APPL-SN-462763 ..... c 14 N71-22991 *
US-PATENT-APPL-SN-462844 ..... c 33 N75-19520 *
US-PATENT-APPL-SN-462903 ..... c 37 N76-14461 *
US-PATENT-APPL-SN-463456 ..... c 37 N85-30333 *
US-PATENT-APPL-SN-463720 ..... c 62 N91-32852 *
US-PATENT-APPL-SN-463925 ..... c 74 N76-30053 *
US-PATENT-APPL-SN-464720 ..... c 32 N76-16249 *
US-PATENT-APPL-SN-464721 ..... c 37 N75-26372 *
US-PATENT-APPL-SN-464722 ..... c 35 N76-22509 *
US-PATENT-APPL-SN-464723 ..... c 33 N75-30429 *
US-PATENT-APPL-SN-464878 ..... c 10 N71-22986 *
US-PATENT-APPL-SN-464879 ..... c 14 N71-21072 *
US-PATENT-APPL-SN-464880 ..... c 33 N71-21586 *
US-PATENT-APPL-SN-464885 ..... c 15 N71-22997 *
US-PATENT-APPL-SN-465363 ..... c 52 N84-28389 *
US-PATENT-APPL-SN-465364 ..... c 44 N85-20530 *
US-PATENT-APPL-SN-465365 ..... c 43 N86-19711 *
US-PATENT-APPL-SN-465366 ..... c 27 N85-20126 *
US-PATENT-APPL-SN-465367 ..... c 27 N84-22748 *
US-PATENT-APPL-SN-465369 ..... c 76 N86-28760 *
US-PATENT-APPL-SN-465370 ..... c 52 N83-29991 * #
US-PATENT-APPL-SN-466390 ..... c 28 N71-20330 *
US-PATENT-APPL-SN-466868 ..... c 22 N71-23599 *
US-PATENT-APPL-SN-466873 ..... c 17 N71-20743 *
US-PATENT-APPL-SN-466875 ..... c 08 N71-22707 *
US-PATENT-APPL-SN-467820 ..... c 28 N71-26779 *
US-PATENT-APPL-SN-468614 ..... c 60 N77-14751 *
US-PATENT-APPL-SN-468614 ..... c 60 N77-32731 *
US-PATENT-APPL-SN-468614 ..... c 60 N78-10709 *
US-PATENT-APPL-SN-468647 ..... c 21 N71-10771 *
US-PATENT-APPL-SN-468655 ..... c 15 N69-21471 * #
US-PATENT-APPL-SN-469011 ..... c 11 N69-21540 * #
US-PATENT-APPL-SN-469012 ..... c 25 N71-20747 *
US-PATENT-APPL-SN-469013 ..... c 14 N69-27423 * #
US-PATENT-APPL-SN-469371 ..... c 05 N86-19310 *
US-PATENT-APPL-SN-469864 ..... c 37 N86-19605 *
US-PATENT-APPL-SN-469866 ..... c 27 N84-22749 *
US-PATENT-APPL-SN-470113 ..... c 17 N87-16863 *
US-PATENT-APPL-SN-470114 ..... c 25 N83-24572 * #
US-PATENT-APPL-SN-470428 ..... c 33 N76-16332 *
US-PATENT-APPL-SN-470429 ..... c 33 N75-31329 *
US-PATENT-APPL-SN-470480 ..... c 20 N92-15122 *
US-PATENT-APPL-SN-47061 ..... c 26 N72-25680 *
US-PATENT-APPL-SN-47062 ..... c 15 N72-17451 *
US-PATENT-APPL-SN-47063 ..... c 33 N72-25911 *
US-PATENT-APPL-SN-47063 ..... c 33 N73-25952 *
US-PATENT-APPL-SN-470663 ..... c 37 N91-21543 *
US-PATENT-APPL-SN-470664 ..... c 63 N94-20360 *
US-PATENT-APPL-SN-470665 ..... c 43 N91-14642 *
US-PATENT-APPL-SN-470902 ..... c 06 N71-28808 *
US-PATENT-APPL-SN-471154 ..... c 09 N73-28084 *
US-PATENT-APPL-SN-47120 ..... c 31 N70-33242 *
US-PATENT-APPL-SN-47121 ..... c 09 N70-39915 *
US-PATENT-APPL-SN-47122 ..... c 14 N70-34813 *
US-PATENT-APPL-SN-47123 ..... c 15 N70-34817 *
US-PATENT-APPL-SN-472066 ..... c 31 N70-42075 *
US-PATENT-APPL-SN-472372 ..... c 07 N71-20791 *
US-PATENT-APPL-SN-472643 ..... c 33 N79-21265 *
US-PATENT-APPL-SN-472747 ..... c 31 N71-16081 *
US-PATENT-APPL-SN-472775 ..... c 35 N75-33369 *

US-PATENT-APPL-SN-472939 ..... c 74 N92-16810 *
US-PATENT-APPL-SN-473024 ..... c 63 N94-29756 *
US-PATENT-APPL-SN-473030 ..... c 37 N90-27116 * #
US-PATENT-APPL-SN-473064 ..... c 37 N90-27112 * #
US-PATENT-APPL-SN-473065 ..... c 34 N91-21473 *
US-PATENT-APPL-SN-473242 ..... c 34 N91-25380 *
US-PATENT-APPL-SN-473498 ..... c 20 N85-21256 *
US-PATENT-APPL-SN-473499 ..... c 74 N86-21348 *
US-PATENT-APPL-SN-473535 ..... c 31 N71-15637 *
US-PATENT-APPL-SN-473537 ..... c 08 N71-15908 *
US-PATENT-APPL-SN-473827 ..... c 35 N86-32698 *
US-PATENT-APPL-SN-473973 ..... c 02 N77-10001 *
US-PATENT-APPL-SN-47440 ..... c 07 N73-20174 *
US-PATENT-APPL-SN-47441 ..... c 09 N70-34559 * #
US-PATENT-APPL-SN-47443 ..... c 09 N72-17152 *
US-PATENT-APPL-SN-474531 ..... c 31 N71-23009 *
US-PATENT-APPL-SN-474744 ..... c 35 N76-14431 *
US-PATENT-APPL-SN-474745 ..... c 37 N76-14463 *
US-PATENT-APPL-SN-474815 ..... c 33 N79-21264 *
US-PATENT-APPL-SN-475299 ..... c 31 N71-17679 *
US-PATENT-APPL-SN-475336 ..... c 54 N75-27758 *
US-PATENT-APPL-SN-475337 ..... c 51 N76-29891 *
US-PATENT-APPL-SN-475338 ..... c 35 N76-15431 *
US-PATENT-APPL-SN-476244 ..... c 33 N84-22885 *
US-PATENT-APPL-SN-476759 ..... c 03 N70-42073 *
US-PATENT-APPL-SN-476761 ..... c 11 N71-10748 *
US-PATENT-APPL-SN-476763 ..... c 09 N69-21313 * #
US-PATENT-APPL-SN-477333 ..... c 28 N70-41922 *
US-PATENT-APPL-SN-478129 ..... c 25 N86-27431 *
US-PATENT-APPL-SN-478130 ..... c 74 N85-23396 *
US-PATENT-APPL-SN-478131 ..... c 26 N87-14482 *
US-PATENT-APPL-SN-478491 ..... c 14 N69-21363 * #
US-PATENT-APPL-SN-478800 ..... c 37 N76-19436 *
US-PATENT-APPL-SN-478802 ..... c 35 N75-29381 *
US-PATENT-APPL-SN-478803 ..... c 31 N76-14284 *
US-PATENT-APPL-SN-479353 ..... c 15 N71-23256 *
US-PATENT-APPL-SN-479357 ..... c 36 N77-19416 *
US-PATENT-APPL-SN-479485 ..... c 27 N92-16121 *
US-PATENT-APPL-SN-480210 ..... c 11 N71-21474 *
US-PATENT-APPL-SN-480211 ..... c 14 N71-26135 *
US-PATENT-APPL-SN-480385 ..... c 74 N92-16808 *
US-PATENT-APPL-SN-480449 ..... c 33 N92-33011 *
US-PATENT-APPL-SN-480985 ..... c 18 N91-21222 *
US-PATENT-APPL-SN-481013 ..... c 60 N92-33057 *
US-PATENT-APPL-SN-481020 ..... c 36 N83-29681 * #
US-PATENT-APPL-SN-481086 ..... c 33 N84-33660 *
US-PATENT-APPL-SN-481106 ..... c 09 N84-34448 *
US-PATENT-APPL-SN-481537 ..... c 18 N92-28750 *
US-PATENT-APPL-SN-482104 ..... c 27 N76-22377 *
US-PATENT-APPL-SN-482105 ..... c 27 N76-23426 *
US-PATENT-APPL-SN-482307 ..... c 15 N71-21060 *
US-PATENT-APPL-SN-482311 ..... c 05 N71-22748 *
US-PATENT-APPL-SN-482313 ..... c 11 N69-24321 * #
US-PATENT-APPL-SN-482670 ..... c 14 N71-21007 *
US-PATENT-APPL-SN-482952 ..... c 09 N71-28926 *
US-PATENT-APPL-SN-482953 ..... c 74 N76-18913 *
US-PATENT-APPL-SN-482967 ..... c 34 N76-18364 *
US-PATENT-APPL-SN-483301 ..... c 36 N77-26477 *
US-PATENT-APPL-SN-483817 ..... c 27 N79-21190 *
US-PATENT-APPL-SN-483850 ..... c 37 N76-14460 *
US-PATENT-APPL-SN-483851 ..... c 35 N76-15435 *
US-PATENT-APPL-SN-483852 ..... c 33 N75-30430 *
US-PATENT-APPL-SN-483857 ..... c 44 N76-14601 *
US-PATENT-APPL-SN-483858 ..... c 35 N76-18400 *
US-PATENT-APPL-SN-483885 ..... c 04 N71-23185 *
US-PATENT-APPL-SN-483886 ..... c 09 N71-22988 *
US-PATENT-APPL-SN-483891 ..... c 14 N69-39982 * #
US-PATENT-APPL-SN-484156 ..... c 11 N71-21475 *
US-PATENT-APPL-SN-484208 ..... c 35 N75-30502 *
US-PATENT-APPL-SN-484209 ..... c 35 N76-18403 *
US-PATENT-APPL-SN-484485 ..... c 01 N71-23497 *
US-PATENT-APPL-SN-484489 ..... c 10 N71-15909 *
US-PATENT-APPL-SN-484490 ..... c 24 N71-20518 *
US-PATENT-APPL-SN-484745 ..... c 35 N85-20295 *
US-PATENT-APPL-SN-484855 ..... c 09 N71-19480 *
US-PATENT-APPL-SN-485058 ..... c 06 N71-23500 *
US-PATENT-APPL-SN-485656 ..... c 28 N71-10574 *
US-PATENT-APPL-SN-485957 ..... c 25 N71-21694 *
US-PATENT-APPL-SN-485958 ..... c 15 N71-24047 *
US-PATENT-APPL-SN-485960 ..... c 15 N70-42017 *
US-PATENT-APPL-SN-48621 ..... c 20 N78-32179 *
US-PATENT-APPL-SN-486455 ..... c 35 N91-21495 *
US-PATENT-APPL-SN-486458 ..... c 37 N91-31655 *
US-PATENT-APPL-SN-486470 ..... c 44 N85-21768 *
US-PATENT-APPL-SN-486471 ..... c 33 N85-21492 *
US-PATENT-APPL-SN-486573 ..... c 10 N71-19469 *
US-PATENT-APPL-SN-486668 ..... c 24 N91-25199 *
US-PATENT-APPL-SN-486884 ..... c 15 N73-32362 *
US-PATENT-APPL-SN-487156 ..... c 44 N77-10636 *
US-PATENT-APPL-SN-487341 ..... c 14 N71-19431 *
US-PATENT-APPL-SN-487342 ..... c 09 N71-21583 *
US-PATENT-APPL-SN-487343 ..... c 03 N69-39890 * #
US-PATENT-APPL-SN-487344 ..... c 15 N69-21472 * #
US-PATENT-APPL-SN-487352 ..... c 14 N71-18699 *
US-PATENT-APPL-SN-487852 ..... c 23 N76-15268 *
US-PATENT-APPL-SN-487929 ..... c 33 N74-20859 *
US-PATENT-APPL-SN-487934 ..... c 15 N71-21530 *
US-PATENT-APPL-SN-487939 ..... c 14 N71-23040 *
US-PATENT-APPL-SN-487940 ..... c 10 N71-26434 *
US-PATENT-APPL-SN-488381 ..... c 14 N73-32321 *
US-PATENT-APPL-SN-488578 ..... c 76 N92-22035 *
US-PATENT-APPL-SN-488616 ..... c 07 N76-18117 *
US-PATENT-APPL-SN-488745 ..... c 26 N75-27127 *
US-PATENT-APPL-SN-489008 ..... c 23 N75-30256 *
US-PATENT-APPL-SN-489009 ..... c 33 N76-19339 *
US-PATENT-APPL-SN-489442 ..... c 25 N69-39884 * #
US-PATENT-APPL-SN-489675 ..... c 05 N85-29947 *
US-PATENT-APPL-SN-489997 ..... c 35 N91-13691 * #
US-PATENT-APPL-SN-491054 ..... c 14 N71-23174 *
US-PATENT-APPL-SN-491058 ..... c 09 N71-23443 *
US-PATENT-APPL-SN-491059 ..... c 09 N71-23015 *
US-PATENT-APPL-SN-491113 ..... c 35 N86-19581 *
US-PATENT-APPL-SN-491125 ..... c 27 N84-22750 *
US-PATENT-APPL-SN-491416 ..... c 35 N75-33368 *
US-PATENT-APPL-SN-491417 ..... c 37 N76-19437 *
US-PATENT-APPL-SN-491418 ..... c 31 N76-31365 *
US-PATENT-APPL-SN-491419 ..... c 32 N76-15330 *
US-PATENT-APPL-SN-491845 ..... c 28 N71-15659 *
US-PATENT-APPL-SN-492282 ..... c 27 N85-20124 *
US-PATENT-APPL-SN-492344 ..... c 05 N71-22896 *
US-PATENT-APPL-SN-492964 ..... c 25 N85-21280 *
US-PATENT-APPL-SN-493179 ..... c 23 N85-35227 *
US-PATENT-APPL-SN-493190 ..... c 43 N91-21621 *
US-PATENT-APPL-SN-493359 ..... c 20 N76-21275 *
US-PATENT-APPL-SN-493363 ..... c 33 N76-21390 *
US-PATENT-APPL-SN-493529 ..... c 51 N91-31755 *
US-PATENT-APPL-SN-493864 ..... c 23 N90-20133 *
US-PATENT-APPL-SN-493864 ..... c 23 N90-23475 *
US-PATENT-APPL-SN-493865 ..... c 24 N86-19380 *
US-PATENT-APPL-SN-493866 ..... c 71 N84-28568 *
US-PATENT-APPL-SN-493942 ..... c 14 N71-17659 *
US-PATENT-APPL-SN-493943 ..... c 15 N71-21529 *
US-PATENT-APPL-SN-494280 ..... c 28 N71-23081 *
US-PATENT-APPL-SN-494282 ..... c 15 N69-39735 * #
US-PATENT-APPL-SN-494283 ..... c 31 N71-24035 *
US-PATENT-APPL-SN-494287 ..... c 03 N71-22974 *
US-PATENT-APPL-SN-494739 ..... c 07 N71-26291 *
US-PATENT-APPL-SN-495021 ..... c 44 N78-13526 *
US-PATENT-APPL-SN-495022 ..... c 60 N77-12721 *
US-PATENT-APPL-SN-495380 ..... c 37 N85-29285 *
US-PATENT-APPL-SN-495380 ..... c 37 N87-22976 *
US-PATENT-APPL-SN-495381 ..... c 24 N84-22695 *
US-PATENT-APPL-SN-495381 ..... c 24 N85-21267 *
US-PATENT-APPL-SN-495969 ..... c 44 N91-27614 *
US-PATENT-APPL-SN-496205 ..... c 14 N71-22965 *
US-PATENT-APPL-SN-496779 ..... c 05 N76-29217 *
US-PATENT-APPL-SN-498167 ..... c 03 N71-10608 *
US-PATENT-APPL-SN-498168 ..... c 28 N71-21822 *
US-PATENT-APPL-SN-499122 ..... c 15 N71-24164 *
US-PATENT-APPL-SN-499126 ..... c 23 N86-19376 *
US-PATENT-APPL-SN-500044 ..... c 35 N85-21597 *
US-PATENT-APPL-SN-500046 ..... c 31 N87-16918 *
US-PATENT-APPL-SN-500435 ..... c 14 N71-21082 *
US-PATENT-APPL-SN-500446 ..... c 10 N71-23029 *
US-PATENT-APPL-SN-500651 ..... c 07 N85-35195 *
US-PATENT-APPL-SN-500979 ..... c 32 N76-18295 *
US-PATENT-APPL-SN-500980 ..... c 72 N76-15860 *
US-PATENT-APPL-SN-500981 ..... c 35 N77-10492 *
US-PATENT-APPL-SN-500982 ..... c 75 N76-17951 *
US-PATENT-APPL-SN-501011 ..... c 33 N76-18345 *
US-PATENT-APPL-SN-501012 ..... c 33 N76-14373 *
US-PATENT-APPL-SN-501060 ..... c 60 N84-28491 *
US-PATENT-APPL-SN-501892 ..... c 32 N93-29507 *
US-PATENT-APPL-SN-501893 ..... c 34 N91-13668 * #
US-PATENT-APPL-SN-501893 ..... c 24 N93-29614 *
US-PATENT-APPL-SN-501893 ..... c 24 N94-35076 *
US-PATENT-APPL-SN-501908 ..... c 51 N93-25994 *
US-PATENT-APPL-SN-501909 ..... c 34 N92-28752 *
US-PATENT-APPL-SN-501909 ..... c 34 N94-20495 *
US-PATENT-APPL-SN-501910 ..... c 37 N91-14614 *
US-PATENT-APPL-SN-50206 ..... c 07 N72-17109 *
US-PATENT-APPL-SN-50207 ..... c 07 N72-20141 *
US-PATENT-APPL-SN-50208 ..... c 14 N73-13418 *
US-PATENT-APPL-SN-502124 ..... c 35 N76-16393 *
US-PATENT-APPL-SN-502135 ..... c 35 N76-15433 *
US-PATENT-APPL-SN-502136 ..... c 35 N75-27331 *
US-PATENT-APPL-SN-502137 ..... c 37 N76-21554 *
US-PATENT-APPL-SN-502138 ..... c 43 N77-10584 *
US-PATENT-APPL-SN-502693 ..... c 15 N71-20739 *
US-PATENT-APPL-SN-502701 ..... c 08 N71-23295 *
US-PATENT-APPL-SN-502709 ..... c 31 N71-21881 *
US-PATENT-APPL-SN-502710 ..... c 15 N71-23048 *
US-PATENT-APPL-SN-502729 ..... c 31 N70-41871 *
US-PATENT-APPL-SN-502739 ..... c 09 N71-23311 *
US-PATENT-APPL-SN-502740 ..... c 14 N69-27485 * #
US-PATENT-APPL-SN-502743 ..... c 08 N71-19435 *
US-PATENT-APPL-SN-502746 ..... c 03 N69-39898 * #
US-PATENT-APPL-SN-502750 ..... c 09 N71-19466 *
US-PATENT-APPL-SN-502753 ..... c 07 N69-39978 * #
US-PATENT-APPL-SN-502756 ..... c 03 N71-23336 *
US-PATENT-APPL-SN-502820 ..... c 27 N85-21347 *
US-PATENT-APPL-SN-50339 ..... c 04 N72-33072 *
US-PATENT-APPL-SN-503408 ..... c 74 N91-13999 * #
US-PATENT-APPL-SN-503409 ..... c 33 N91-27478 *
US-PATENT-APPL-SN-503410 ..... c 37 N91-14610 *
US-PATENT-APPL-SN-503418 ..... c 37 N91-27561 *
US-PATENT-APPL-SN-503486 ..... c 44 N92-22037 *
US-PATENT-APPL-SN-503487 ..... c 24 N93-14700 *
US-PATENT-APPL-SN-504225 ..... c 35 N76-16392 *
US-PATENT-APPL-SN-504266 ..... c 31 N71-21064 *
US-PATENT-APPL-SN-504345 ..... c 33 N85-22877 *
US-PATENT-APPL-SN-505320 ..... c 16 N71-18614 *
US-PATENT-APPL-SN-505321 ..... c 10 N71-22962 *
US-PATENT-APPL-SN-505765 ..... c 15 N71-23816 *
US-PATENT-APPL-SN-505819 ..... c 33 N76-16331 *
US-PATENT-APPL-SN-505881 ..... c 09 N76-24280 *
US-PATENT-APPL-SN-506135 ..... c 06 N71-20905 *
US-PATENT-APPL-SN-506136 ..... c 60 N91-13890 * #
US-PATENT-APPL-SN-506137 ..... c 15 N71-23049 *
US-PATENT-APPL-SN-506137 ..... c 76 N90-26685 * #
US-PATENT-APPL-SN-506477 ..... c 33 N85-29146 *
US-PATENT-APPL-SN-506636 ..... c 74 N92-29133 *
US-PATENT-APPL-SN-506803 ..... c 24 N79-25143 *
US-PATENT-APPL-SN-506804 ..... c 35 N76-18402 *
US-PATENT-APPL-SN-506908 ..... c 09 N71-18843 *
US-PATENT-APPL-SN-507254 ..... c 14 N71-22990 *
US-PATENT-APPL-SN-507257 ..... c 09 N71-19449 *
US-PATENT-APPL-SN-507553 ..... c 34 N91-27504 *
US-PATENT-APPL-SN-507623 ..... c 31 N85-29083 *
US-PATENT-APPL-SN-507624 ..... c 76 N85-30922 *
US-PATENT-APPL-SN-507625 ..... c 76 N86-20150 *
US-PATENT-APPL-SN-507626 ..... c 34 N85-29179 *
US-PATENT-APPL-SN-508154 ..... c 54 N91-32795 *
US-PATENT-APPL-SN-508169 ..... c 18 N71-27397 *
US-PATENT-APPL-SN-508170 ..... c 08 N71-22710 *
US-PATENT-APPL-SN-508316 ..... c 27 N92-28751 *
US-PATENT-APPL-SN-508371 ..... c 05 N85-21147 *
US-PATENT-APPL-SN-508372 ..... c 43 N83-29783 * #
US-PATENT-APPL-SN-508386 ..... c 25 N92-10073 *
US-PATENT-APPL-SN-508601 ..... c 15 N71-22878 *
US-PATENT-APPL-SN-508784 ..... c 76 N76-25049 *
US-PATENT-APPL-SN-508873 ..... c 14 N71-23240 *
US-PATENT-APPL-SN-509460 ..... c 01 N71-13411 *
US-PATENT-APPL-SN-510136 ..... c 18 N84-33450 *
US-PATENT-APPL-SN-510137 ..... c 37 N85-34401 *
US-PATENT-APPL-SN-510150 ..... c 10 N71-26103 *
US-PATENT-APPL-SN-510155 ..... c 06 N71-11235 *
US-PATENT-APPL-SN-510474 ..... c 15 N71-23810 *
US-PATENT-APPL-SN-510475 ..... c 14 N71-23087 *
US-PATENT-APPL-SN-510677 ..... c 44 N77-19571 *
US-PATENT-APPL-SN-511299 ..... c 15 N71-22798 *
US-PATENT-APPL-SN-511334 ..... c 36 N77-32478 *
US-PATENT-APPL-SN-511346 ..... c 15 N77-10113 *
US-PATENT-APPL-SN-511362 ..... c 33 N85-29147 *
US-PATENT-APPL-SN-511363 ..... c 25 N88-23846 *
US-PATENT-APPL-SN-5114 ..... c 06 N72-25150 *
US-PATENT-APPL-SN-511564 ..... c 09 N69-39885 * #
US-PATENT-APPL-SN-511567 ..... c 05 N71-12336 *
US-PATENT-APPL-SN-511887 ..... c 35 N76-15436 *
US-PATENT-APPL-SN-511894 ..... c 03 N76-32140 *
US-PATENT-APPL-SN-512352 ..... c 15 N70-33330 *
US-PATENT-APPL-SN-512509 ..... c 26 N75-27125 *
US-PATENT-APPL-SN-512559 ..... c 23 N71-22881 *
US-PATENT-APPL-SN-512561 ..... c 16 N71-25914 *
US-PATENT-APPL-SN-512562 ..... c 16 N71-24074 *
US-PATENT-APPL-SN-512795 ..... c 27 N84-22745 *
US-PATENT-APPL-SN-512825 ..... c 32 N76-15329 *
US-PATENT-APPL-SN-51317 ..... c 14 N73-30389 *
US-PATENT-APPL-SN-513346 ..... c 07 N79-14095 *
US-PATENT-APPL-SN-513389 ..... c 25 N75-12087 *
US-PATENT-APPL-SN-513576 ..... c 35 N76-29552 *
US-PATENT-APPL-SN-513611 ..... c 24 N76-22309 *
US-PATENT-APPL-SN-513611 ..... c 24 N80-33482 *
US-PATENT-APPL-SN-513612 ..... c 05 N77-17029 *
US-PATENT-APPL-SN-513613 ..... c 27 N78-15276 *
US-PATENT-APPL-SN-513690 ..... c 37 N76-20480 *
US-PATENT-APPL-SN-514117 ..... c 27 N86-19455 *
US-PATENT-APPL-SN-514407 ..... c 18 N71-22894 *
US-PATENT-APPL-SN-514546 ..... c 74 N76-20958 *
US-PATENT-APPL-SN-51473 ..... c 02 N70-33266 *
US-PATENT-APPL-SN-51477 ..... c 14 N72-25412 *
US-PATENT-APPL-SN-515484 ..... c 14 N71-22993 *
US-PATENT-APPL-SN-516087 ..... c 27 N85-20125 *
US-PATENT-APPL-SN-516150 ..... c 05 N71-19440 *
US-PATENT-APPL-SN-516151 ..... c 15 N70-41679 *
US-PATENT-APPL-SN-516152 ..... c 14 N71-23225 *
US-PATENT-APPL-SN-516153 ..... c 10 N71-28783 *
US-PATENT-APPL-SN-516154 ..... c 09 N69-24330 * #
US-PATENT-APPL-SN-516155 ..... c 09 N71-23270 *
US-PATENT-APPL-SN-516158 ..... c 09 N71-19479 *
US-PATENT-APPL-SN-516159 ..... c 14 N70-41812 *
US-PATENT-APPL-SN-516160 ..... c 33 N71-16277 *
US-PATENT-APPL-SN-516162 ..... c 07 N71-28900 *
US-PATENT-APPL-SN-516217 ..... c 27 N85-21350 *
US-PATENT-APPL-SN-516217 ..... c 27 N85-21351 *
US-PATENT-APPL-SN-516217 ..... c 27 N85-21352 *
US-PATENT-APPL-SN-516217 ..... c 25 N85-28982 *
US-PATENT-APPL-SN-516217 ..... c 25 N85-30039 *

US-PATENT-APPL-SN-559846 ..... c 34 N80-24573 *
US-PATENT-APPL-SN-559847 ..... c 34 N79-13288 *
US-PATENT-APPL-SN-559988 ..... c 71 N85-29693 *
US-PATENT-APPL-SN-560035 ..... c 24 N85-30027 *
US-PATENT-APPL-SN-560691 ..... c 32 N91-27439 *
US-PATENT-APPL-SN-560717 ..... c 27 N92-33014 *
US-PATENT-APPL-SN-560891 ..... c 73 N78-19920 *
US-PATENT-APPL-SN-560908 ..... c 31 N91-27385 *
US-PATENT-APPL-SN-560923 ..... c 02 N92-28729 *
US-PATENT-APPL-SN-560924 ..... c 74 N91-25840 *
US-PATENT-APPL-SN-560926 ..... c 24 N92-21725 *
US-PATENT-APPL-SN-560967 ..... c 15 N69-21922 * #
US-PATENT-APPL-SN-560968 ..... c 10 N71-24863 *
US-PATENT-APPL-SN-560969 ..... c 14 N71-15622 *
US-PATENT-APPL-SN-561020 ..... c 44 N76-23675 *
US-PATENT-APPL-SN-561223 ..... c 14 N71-20427 *
US-PATENT-APPL-SN-561369 ..... c 35 N84-33766 *
US-PATENT-APPL-SN-561429 ..... c 27 N85-21351 *
US-PATENT-APPL-SN-561431 ..... c 27 N85-21350 *
US-PATENT-APPL-SN-561432 ..... c 20 N86-26368 *
US-PATENT-APPL-SN-561433 ..... c 35 N86-20752 *
US-PATENT-APPL-SN-561434 ..... c 25 N85-30039 *
US-PATENT-APPL-SN-561435 ..... c 27 N85-21352 *
US-PATENT-APPL-SN-561764 ..... c 32 N77-10392 *
US-PATENT-APPL-SN-561956 ..... c 35 N77-17426 *
US-PATENT-APPL-SN-562095 ..... c 52 N92-28755 *
US-PATENT-APPL-SN-562176 ..... c 35 N93-19387 *
US-PATENT-APPL-SN-562443 ..... c 09 N69-39734 * #
US-PATENT-APPL-SN-562444 ..... c 14 N71-22995 *
US-PATENT-APPL-SN-562445 ..... c 14 N71-23797 *
US-PATENT-APPL-SN-562499 ..... c 32 N77-31350 *
US-PATENT-APPL-SN-562558 ..... c 31 N79-21227 *
US-PATENT-APPL-SN-562933 ..... c 10 N71-24799 *
US-PATENT-APPL-SN-562934 ..... c 09 N69-21468 * #
US-PATENT-APPL-SN-562992 ..... c 27 N78-32261 *
US-PATENT-APPL-SN-563049 ..... c 17 N76-29347 *
US-PATENT-APPL-SN-563050 ..... c 37 N76-31524 *
US-PATENT-APPL-SN-563283 ..... c 35 N76-18401 *
US-PATENT-APPL-SN-563644 ..... c 15 N71-18613 *
US-PATENT-APPL-SN-563646 ..... c 05 N71-23096 *
US-PATENT-APPL-SN-563648 ..... c 15 N71-17803 *
US-PATENT-APPL-SN-563650 ..... c 25 N69-21929 * #
US-PATENT-APPL-SN-563651 ..... c 28 N71-23293 *
US-PATENT-APPL-SN-563890 ..... c 35 N85-34373 *
US-PATENT-APPL-SN-564622 ..... c 37 N77-31497 *
US-PATENT-APPL-SN-564919 ..... c 09 N71-23316 *
US-PATENT-APPL-SN-565090 ..... c 05 N91-31140 *
US-PATENT-APPL-SN-565162 ..... c 35 N79-14348 *
US-PATENT-APPL-SN-565289 ..... c 38 N77-17495 *
US-PATENT-APPL-SN-565290 ..... c 17 N76-22245 *
US-PATENT-APPL-SN-565481 ..... c 09 N86-32447 *
US-PATENT-APPL-SN-566392 ..... c 14 N71-23175 *
US-PATENT-APPL-SN-566397 ..... c 05 N71-23161 *
US-PATENT-APPL-SN-566493 ..... c 44 N76-29701 *
US-PATENT-APPL-SN-566494 ..... c 32 N77-30309 *
US-PATENT-APPL-SN-566495 ..... c 33 N77-17351 *
US-PATENT-APPL-SN-566717 ..... c 14 N71-24233 *
US-PATENT-APPL-SN-567025 ..... c 27 N91-13558 * #
US-PATENT-APPL-SN-567686 ..... c 15 N71-22994 *
US-PATENT-APPL-SN-567806 ..... c 06 N71-22975 *
US-PATENT-APPL-SN-56791 ..... c 10 N72-16172 *
US-PATENT-APPL-SN-568067 ..... c 31 N71-22968 *
US-PATENT-APPL-SN-568071 ..... c 14 N69-27461 * #
US-PATENT-APPL-SN-568127 ..... c 34 N91-13658 * #
US-PATENT-APPL-SN-568128 ..... c 27 N93-22033 *
US-PATENT-APPL-SN-568129 ..... c 74 N91-13998 * #
US-PATENT-APPL-SN-568130 ..... c 44 N92-16457 *
US-PATENT-APPL-SN-568160 ..... c 10 N71-18724 *
US-PATENT-APPL-SN-568346 ..... c 04 N69-27487 * #
US-PATENT-APPL-SN-568352 ..... c 09 N71-20842 *
US-PATENT-APPL-SN-568354 ..... c 14 N71-22752 *
US-PATENT-APPL-SN-568355 ..... c 32 N71-23971 *
US-PATENT-APPL-SN-568356 ..... c 14 N71-15599 *
US-PATENT-APPL-SN-568362 ..... c 03 N69-39983 * #
US-PATENT-APPL-SN-568364 ..... c 10 N71-26418 *
US-PATENT-APPL-SN-568541 ..... c 24 N77-28225 *
US-PATENT-APPL-SN-568541 ..... c 27 N81-14077 *
US-PATENT-APPL-SN-568620 ..... c 10 N71-26626 *
US-PATENT-APPL-SN-568987 ..... c 10 N71-19547 *
US-PATENT-APPL-SN-569370 ..... c 43 N84-23012 * #
US-PATENT-APPL-SN-569372 ..... c 76 N85-33826 *
US-PATENT-APPL-SN-569925 ..... c 07 N77-17059 *
US-PATENT-APPL-SN-570093 ..... c 06 N71-17705 *
US-PATENT-APPL-SN-570095 ..... c 14 N71-23226 *
US-PATENT-APPL-SN-570097 ..... c 15 N69-23185 * #
US-PATENT-APPL-SN-570678 ..... c 17 N71-25903 *
US-PATENT-APPL-SN-571058 ..... c 24 N91-27244 *
US-PATENT-APPL-SN-571059 ..... c 24 N91-13502 * #
US-PATENT-APPL-SN-571060 ..... c 32 N94-35231 *
US-PATENT-APPL-SN-571062 ..... c 37 N91-13732 * #
US-PATENT-APPL-SN-571344 ..... c 35 N92-10186 *
US-PATENT-APPL-SN-571458 ..... c 44 N77-10635 *
US-PATENT-APPL-SN-571459 ..... c 54 N78-14784 *
US-PATENT-APPL-SN-571613 ..... c 74 N86-20124 *
US-PATENT-APPL-SN-571614 ..... c 35 N86-20750 *
US-PATENT-APPL-SN-571615 ..... c 74 N87-14971 *
US-PATENT-APPL-SN-571616 ..... c 25 N86-19413 *
US-PATENT-APPL-SN-571617 ..... c 26 N85-35267 *
US-PATENT-APPL-SN-571687 ..... c 47 N91-15661 * #
US-PATENT-APPL-SN-571821 ..... c 20 N76-22296 *
US-PATENT-APPL-SN-57252 ..... c 14 N72-25414 *
US-PATENT-APPL-SN-57253 ..... c 18 N72-25541 *
US-PATENT-APPL-SN-572990 ..... c 37 N78-16369 *
US-PATENT-APPL-SN-572991 ..... c 51 N77-22794 *
US-PATENT-APPL-SN-573029 ..... c 07 N79-14097 *
US-PATENT-APPL-SN-573162 ..... c 37 N86-27630 *
US-PATENT-APPL-SN-573432 ..... c 14 N71-23790 *
US-PATENT-APPL-SN-57399 ..... c 03 N72-20034 *
US-PATENT-APPL-SN-574208 ..... c 37 N76-29590 *
US-PATENT-APPL-SN-574218 ..... c 52 N76-29895 *
US-PATENT-APPL-SN-574219 ..... c 35 N76-31490 *
US-PATENT-APPL-SN-574280 ..... c 15 N69-21460 * #
US-PATENT-APPL-SN-574282 ..... c 15 N69-23190 * #
US-PATENT-APPL-SN-574282 ..... c 15 N71-23025 *
US-PATENT-APPL-SN-574283 ..... c 14 N69-24257 * #
US-PATENT-APPL-SN-574284 ..... c 08 N71-19763 *
US-PATENT-APPL-SN-574290 ..... c 14 N71-20439 *
US-PATENT-APPL-SN-575291 ..... c 33 N71-29151 *
US-PATENT-APPL-SN-575475 ..... c 05 N69-23192 * #
US-PATENT-APPL-SN-575694 ..... c 76 N91-14066 * #
US-PATENT-APPL-SN-575695 ..... c 35 N92-21586 *
US-PATENT-APPL-SN-575697 ..... c 39 N93-24596 *
US-PATENT-APPL-SN-575708 ..... c 76 N91-16815 * #
US-PATENT-APPL-SN-575736 ..... c 76 N92-25398 *
US-PATENT-APPL-SN-575737 ..... c 18 N92-33013 *
US-PATENT-APPL-SN-575930 ..... c 06 N71-23230 *
US-PATENT-APPL-SN-576182 ..... c 33 N71-24276 *
US-PATENT-APPL-SN-576183 ..... c 09 N71-23525 *
US-PATENT-APPL-SN-576195 ..... c 14 N71-21079 *
US-PATENT-APPL-SN-576308 ..... c 07 N85-35194 *
US-PATENT-APPL-SN-576488 ..... c 44 N76-28635 *
US-PATENT-APPL-SN-576521 ..... c 09 N71-20864 *
US-PATENT-APPL-SN-576774 ..... c 60 N77-19760 *
US-PATENT-APPL-SN-576792 ..... c 14 N71-26136 *
US-PATENT-APPL-SN-576797 ..... c 09 N69-24318 * #
US-PATENT-APPL-SN-577114 ..... c 15 N69-24320 * #
US-PATENT-APPL-SN-577115 ..... c 15 N71-17647 *
US-PATENT-APPL-SN-577545 ..... c 08 N71-18693 *
US-PATENT-APPL-SN-577546 ..... c 31 N71-23008 *
US-PATENT-APPL-SN-577548 ..... c 09 N69-27422 * #
US-PATENT-APPL-SN-577548 ..... c 14 N72-28438 *
US-PATENT-APPL-SN-577549 ..... c 15 N71-22721 *
US-PATENT-APPL-SN-577775 ..... c 14 N71-17574 *
US-PATENT-APPL-SN-577778 ..... c 03 N71-11050 *
US-PATENT-APPL-SN-578043 ..... c 24 N91-15333 * #
US-PATENT-APPL-SN-578240 ..... c 34 N77-18382 *
US-PATENT-APPL-SN-578241 ..... c 52 N76-29896 *
US-PATENT-APPL-SN-578387 ..... c 06 N87-22678 *
US-PATENT-APPL-SN-578388 ..... c 06 N86-27280 *
US-PATENT-APPL-SN-578390 ..... c 44 N85-30475 *
US-PATENT-APPL-SN-578397 ..... c 20 N79-21124 *
US-PATENT-APPL-SN-578700 ..... c 43 N82-13465 *
US-PATENT-APPL-SN-578916 ..... c 14 N71-23036 *
US-PATENT-APPL-SN-578923 ..... c 15 N71-21403 *
US-PATENT-APPL-SN-578925 ..... c 23 N71-16355 *
US-PATENT-APPL-SN-578926 ..... c 06 N69-39936 * #
US-PATENT-APPL-SN-578928 ..... c 26 N71-21824 *
US-PATENT-APPL-SN-578931 ..... c 23 N71-21882 *
US-PATENT-APPL-SN-578932 ..... c 08 N71-12505 *
US-PATENT-APPL-SN-579121 ..... c 15 N71-29136 *
US-PATENT-APPL-SN-579300 ..... c 20 N79-21123 *
US-PATENT-APPL-SN-579375 ..... c 07 N77-14025 *
US-PATENT-APPL-SN-579376 ..... c 20 N79-21125 *
US-PATENT-APPL-SN-579989 ..... c 34 N77-32413 *
US-PATENT-APPL-SN-580365 ..... c 15 N71-23255 *
US-PATENT-APPL-SN-580397 ..... c 37 N87-21333 *
US-PATENT-APPL-SN-580419 ..... c 34 N85-33433 *
US-PATENT-APPL-SN-580573 ..... c 44 N85-34441 *
US-PATENT-APPL-SN-580574 ..... c 18 N84-22610 * #
US-PATENT-APPL-SN-58147 ..... c 28 N70-33356 *
US-PATENT-APPL-SN-581514 ..... c 70 N75-26789 * #
US-PATENT-APPL-SN-581750 ..... c 07 N78-17055 *
US-PATENT-APPL-SN-581751 ..... c 37 N78-10468 *
US-PATENT-APPL-SN-581843 ..... c 31 N79-21226 *
US-PATENT-APPL-SN-582171 ..... c 32 N71-16428 *
US-PATENT-APPL-SN-582213 ..... c 32 N74-22096 *
US-PATENT-APPL-SN-582318 ..... c 33 N76-27472 *
US-PATENT-APPL-SN-582492 ..... c 52 N85-30618 *
US-PATENT-APPL-SN-582494 ..... c 36 N84-25037 * #
US-PATENT-APPL-SN-582495 ..... c 44 N86-27706 *
US-PATENT-APPL-SN-582609 ..... c 10 N71-19467 *
US-PATENT-APPL-SN-582643 ..... c 35 N85-34374 *
US-PATENT-APPL-SN-583055 ..... c 07 N78-18067 *
US-PATENT-APPL-SN-583056 ..... c 37 N78-17384 *
US-PATENT-APPL-SN-583219 ..... c 43 N82-13465 *
US-PATENT-APPL-SN-583485 ..... c 33 N77-28385 *
US-PATENT-APPL-SN-583486 ..... c 33 N77-26386 *
US-PATENT-APPL-SN-583487 ..... c 52 N76-19785 *
US-PATENT-APPL-SN-584015 ..... c 14 N71-26475 *
US-PATENT-APPL-SN-584018 ..... c 35 N92-10185 *
US-PATENT-APPL-SN-584066 ..... c 10 N71-20852 *
US-PATENT-APPL-SN-584067 ..... c 07 N71-12392 *
US-PATENT-APPL-SN-584070 ..... c 09 N69-27500 * #
US-PATENT-APPL-SN-584071 ..... c 26 N71-16037 *
US-PATENT-APPL-SN-584072 ..... c 15 N69-39786 * #
US-PATENT-APPL-SN-584094 ..... c 26 N77-20201 *
US-PATENT-APPL-SN-584914 ..... c 54 N78-17679 *
US-PATENT-APPL-SN-585217 ..... c 54 N78-17677 *
US-PATENT-APPL-SN-585420 ..... c 35 N76-31489 *
US-PATENT-APPL-SN-585627 ..... c 52 N91-14709 *
US-PATENT-APPL-SN-585988 ..... c 33 N75-29318 *
US-PATENT-APPL-SN-586324 ..... c 05 N71-26293 *
US-PATENT-APPL-SN-586325 ..... c 31 N71-24315 *
US-PATENT-APPL-SN-586329 ..... c 05 N71-24623 *
US-PATENT-APPL-SN-586330 ..... c 05 N71-12344 *
US-PATENT-APPL-SN-586369 ..... c 74 N92-33017 *
US-PATENT-APPL-SN-587749 ..... c 60 N88-29310 *
US-PATENT-APPL-SN-587764 ..... c 18 N86-24729 *
US-PATENT-APPL-SN-587890 ..... c 25 N92-25399 * #
US-PATENT-APPL-SN-587919 ..... c 54 N91-13879 * #
US-PATENT-APPL-SN-587921 ..... c 74 N92-28571 *
US-PATENT-APPL-SN-587922 ..... c 61 N91-13911 * #
US-PATENT-APPL-SN-587922 ..... c 61 N93-18282 *
US-PATENT-APPL-SN-588036 ..... c 18 N84-22612 * #
US-PATENT-APPL-SN-588039 ..... c 18 N87-14373 *
US-PATENT-APPL-SN-588164 ..... c 31 N85-29082 *
US-PATENT-APPL-SN-588635 ..... c 21 N71-15642 *
US-PATENT-APPL-SN-588651 ..... c 31 N71-24813 *
US-PATENT-APPL-SN-588671 ..... c 03 N71-23354 *
US-PATENT-APPL-SN-588721 ..... c 27 N78-33228 *
US-PATENT-APPL-SN-589119 ..... c 32 N77-32342 *
US-PATENT-APPL-SN-589172 ..... c 27 N79-14214 *
US-PATENT-APPL-SN-589173 ..... c 32 N77-12240 *
US-PATENT-APPL-SN-589233 ..... c 33 N77-14335 *
US-PATENT-APPL-SN-589571 ..... c 27 N92-33015 *
US-PATENT-APPL-SN-590141 ..... c 03 N69-24267 * #
US-PATENT-APPL-SN-590144 ..... c 15 N71-15606 *
US-PATENT-APPL-SN-590145 ..... c 07 N69-39980 * #
US-PATENT-APPL-SN-590146 ..... c 09 N69-21926 * #
US-PATENT-APPL-SN-590147 ..... c 15 N71-21489 *
US-PATENT-APPL-SN-590158 ..... c 05 N71-24147 *
US-PATENT-APPL-SN-590159 ..... c 09 N69-24324 * #
US-PATENT-APPL-SN-590182 ..... c 37 N76-29588 *
US-PATENT-APPL-SN-590183 ..... c 74 N79-13855 *
US-PATENT-APPL-SN-590921 ..... c 71 N86-21276 *
US-PATENT-APPL-SN-590923 ..... c 35 N85-34375 *
US-PATENT-APPL-SN-590925 ..... c 26 N86-32550 *
US-PATENT-APPL-SN-590975 ..... c 44 N78-31525 *
US-PATENT-APPL-SN-591000 ..... c 15 N71-24044 *
US-PATENT-APPL-SN-591004 ..... c 07 N71-11266 *
US-PATENT-APPL-SN-591007 ..... c 16 N69-27491 * #
US-PATENT-APPL-SN-591014 ..... c 28 N71-24736 *
US-PATENT-APPL-SN-591089 ..... c 24 N85-21267 *
US-PATENT-APPL-SN-591568 ..... c 74 N76-31998 *
US-PATENT-APPL-SN-591569 ..... c 37 N77-12402 *
US-PATENT-APPL-SN-591643 ..... c 82 N91-23976 * #
US-PATENT-APPL-SN-591644 ..... c 31 N91-31476 *
US-PATENT-APPL-SN-591645 ..... c 31 N92-16162 *
US-PATENT-APPL-SN-591930 ..... c 03 N69-21330 * #
US-PATENT-APPL-SN-592159 ..... c 07 N76-27232 *
US-PATENT-APPL-SN-592680 ..... c 15 N71-22877 *
US-PATENT-APPL-SN-592694 ..... c 05 N71-12342 *
US-PATENT-APPL-SN-593142 ..... c 37 N77-17464 *
US-PATENT-APPL-SN-593412 ..... c 25 N91-32196 *
US-PATENT-APPL-SN-593593 ..... c 06 N71-11239 *
US-PATENT-APPL-SN-593594 ..... c 06 N71-11236 *
US-PATENT-APPL-SN-593595 ..... c 06 N71-24740 *
US-PATENT-APPL-SN-593604 ..... c 11 N69-27466 * #
US-PATENT-APPL-SN-593605 ..... c 06 N71-11242 *
US-PATENT-APPL-SN-593606 ..... c 06 N71-11243 *
US-PATENT-APPL-SN-593607 ..... c 07 N71-26102 *
US-PATENT-APPL-SN-594134 ..... c 74 N86-20125 *
US-PATENT-APPL-SN-594584 ..... c 14 N71-25892 *
US-PATENT-APPL-SN-594587 ..... c 28 N71-21493 *
US-PATENT-APPL-SN-594633 ..... c 15 N71-24046 *
US-PATENT-APPL-SN-595197 ..... c 33 N77-10429 *
US-PATENT-APPL-SN-595254 ..... c 17 N78-17140 *
US-PATENT-APPL-SN-595745 ..... c 37 N77-32501 *
US-PATENT-APPL-SN-595747 ..... c 37 N77-32500 *
US-PATENT-APPL-SN-596105 ..... c 35 N91-15520 * #
US-PATENT-APPL-SN-596133 ..... c 74 N91-25841 *
US-PATENT-APPL-SN-596139 ..... c 33 N92-28753 *
US-PATENT-APPL-SN-596338 ..... c 09 N71-20816 *
US-PATENT-APPL-SN-596641 ..... c 07 N77-23106 *
US-PATENT-APPL-SN-596641 ..... c 37 N78-10467 *
US-PATENT-APPL-SN-596733 ..... c 15 N72-11389 *
US-PATENT-APPL-SN-596735 ..... c 32 N71-24285 *
US-PATENT-APPL-SN-596787 ..... c 37 N77-19458 *
US-PATENT-APPL-SN-596787 ..... c 37 N78-31426 *
US-PATENT-APPL-SN-596788 ..... c 33 N76-21390 *
US-PATENT-APPL-SN-596905 ..... c 24 N77-19170 *
US-PATENT-APPL-SN-596959 ..... c 18 N84-22609 * #
US-PATENT-APPL-SN-596959 ..... c 18 N86-20469 *
US-PATENT-APPL-SN-596960 ..... c 37 N85-33490 *
US-PATENT-APPL-SN-597430 ..... c 44 N81-29525 *
US-PATENT-APPL-SN-597430 ..... c 44 N82-28780 *
US-PATENT-APPL-SN-598118 ..... c 15 N69-27490 * #
US-PATENT-APPL-SN-598119 ..... c 08 N71-19437 *

US-PATENT-APPL-SN-641152 ..... c 23 N90-23475 *
US-PATENT-APPL-SN-641153 ..... c 27 N86-32568 * #
US-PATENT-APPL-SN-641420 ..... c 03 N71-23449 *
US-PATENT-APPL-SN-641431 ..... c 30 N71-16090 *
US-PATENT-APPL-SN-641441 ..... c 08 N71-18751 *
US-PATENT-APPL-SN-641784 ..... c 37 N77-32499 *
US-PATENT-APPL-SN-641798 ..... c 76 N92-22041 *
US-PATENT-APPL-SN-641802 ..... c 34 N77-30399 *
US-PATENT-APPL-SN-641803 ..... c 35 N78-18391 *
US-PATENT-APPL-SN-64224 ..... c 17 N70-38490 *
US-PATENT-APPL-SN-64226 ..... c 17 N70-38198 *
US-PATENT-APPL-SN-642310 ..... c 44 N86-19721 *
US-PATENT-APPL-SN-642602 ..... c 54 N86-29507 * #
US-PATENT-APPL-SN-642765 ..... c 76 N92-22040 *
US-PATENT-APPL-SN-643041 ..... c 44 N78-19599 *
US-PATENT-APPL-SN-643043 ..... c 35 N78-13400 *
US-PATENT-APPL-SN-643332 ..... c 15 N71-14932 *
US-PATENT-APPL-SN-643522 ..... c 16 N86-26352 *
US-PATENT-APPL-SN-643524 ..... c 27 N86-29039 *
US-PATENT-APPL-SN-643589 ..... c 27 N86-31727 *
US-PATENT-APPL-SN-643629 ..... c 27 N92-34160 *
US-PATENT-APPL-SN-643629 ..... c 27 N94-23311 *
US-PATENT-APPL-SN-643897 ..... c 73 N78-32848 *
US-PATENT-APPL-SN-64391 ..... c 31 N72-25842 *
US-PATENT-APPL-SN-644444 ..... c 09 N71-18721 *
US-PATENT-APPL-SN-644446 ..... c 14 N71-24693 *
US-PATENT-APPL-SN-644447 ..... c 14 N71-24234 *
US-PATENT-APPL-SN-644448 ..... c 17 N69-25147 * #
US-PATENT-APPL-SN-644799 ..... c 17 N71-15468 *
US-PATENT-APPL-SN-645089 ..... c 23 N92-29141 *
US-PATENT-APPL-SN-645500 ..... c 74 N77-28932 *
US-PATENT-APPL-SN-645502 ..... c 24 N79-25143 *
US-PATENT-APPL-SN-645507 ..... c 26 N77-32280 *
US-PATENT-APPL-SN-645508 ..... c 44 N77-14580 *
US-PATENT-APPL-SN-645510 ..... c 32 N77-30308 *
US-PATENT-APPL-SN-645563 ..... c 31 N71-20396 *
US-PATENT-APPL-SN-645571 ..... c 35 N77-14407 *
US-PATENT-APPL-SN-645573 ..... c 24 N71-25555 *
US-PATENT-APPL-SN-645584 ..... c 08 N71-12494 *
US-PATENT-APPL-SN-645972 ..... c 33 N92-15331 *
US-PATENT-APPL-SN-646044 ..... c 37 N85-34403 *
US-PATENT-APPL-SN-646124 ..... c 15 N71-23817 *
US-PATENT-APPL-SN-646333 ..... c 35 N80-26635 *
US-PATENT-APPL-SN-646424 ..... c 07 N69-27460 * #
US-PATENT-APPL-SN-646704 ..... c 36 N77-25499 *
US-PATENT-APPL-SN-646934 ..... c 08 N71-18692 *
US-PATENT-APPL-SN-647097 ..... c 63 N93-19024 * #
US-PATENT-APPL-SN-64709 ..... c 10 N72-28240 *
US-PATENT-APPL-SN-64723 ..... c 07 N72-25170 *
US-PATENT-APPL-SN-647298 ..... c 31 N71-16102 *
US-PATENT-APPL-SN-647902 ..... c 07 N93-22034 *
US-PATENT-APPL-SN-648034 ..... c 09 N79-21083 *
US-PATENT-APPL-SN-648700 ..... c 74 N78-13874 *
US-PATENT-APPL-SN-648772 ..... c 37 N92-21726 *
US-PATENT-APPL-SN-648933 ..... c 25 N92-28756 *
US-PATENT-APPL-SN-649075 ..... c 14 N71-15600 *
US-PATENT-APPL-SN-649076 ..... c 08 N71-24890 *
US-PATENT-APPL-SN-649078 ..... c 07 N71-19493 *
US-PATENT-APPL-SN-649327 ..... c 33 N87-25531 *
US-PATENT-APPL-SN-649328 ..... c 27 N86-19456 *
US-PATENT-APPL-SN-649329 ..... c 05 N84-33400 * #
US-PATENT-APPL-SN-649330 ..... c 27 N86-19458 *
US-PATENT-APPL-SN-649356 ..... c 09 N71-23189 *
US-PATENT-APPL-SN-649357 ..... c 08 N71-12500 *
US-PATENT-APPL-SN-649358 ..... c 07 N71-11267 *
US-PATENT-APPL-SN-649359 ..... c 15 N71-18701 *
US-PATENT-APPL-SN-649360 ..... c 23 N71-16365 *
US-PATENT-APPL-SN-650166 ..... c 09 N71-23191 *
US-PATENT-APPL-SN-650336 ..... c 23 N93-18283 *
US-PATENT-APPL-SN-650336 ..... c 27 N94-23075 *
US-PATENT-APPL-SN-651002 ..... c 08 N79-14108 *
US-PATENT-APPL-SN-651007 ..... c 74 N78-17865 *
US-PATENT-APPL-SN-651009 ..... c 26 N78-18182 *
US-PATENT-APPL-SN-651062 ..... c 27 N93-14709 *
US-PATENT-APPL-SN-651627 ..... c 26 N72-25679 *
US-PATENT-APPL-SN-651882 ..... c 76 N93-11056 *
US-PATENT-APPL-SN-651972 ..... c 27 N74-23125 *
US-PATENT-APPL-SN-652948 ..... c 52 N77-14736 *
US-PATENT-APPL-SN-652979 ..... c 45 N82-11634 *
US-PATENT-APPL-SN-653277 ..... c 31 N71-23912 *
US-PATENT-APPL-SN-653278 ..... c 14 N69-27503 * #
US-PATENT-APPL-SN-653316 ..... c 25 N77-32255 *
US-PATENT-APPL-SN-653422 ..... c 35 N77-20401 *
US-PATENT-APPL-SN-653605 ..... c 74 N92-29117 *
US-PATENT-APPL-SN-653682 ..... c 39 N78-10493 *
US-PATENT-APPL-SN-654439 ..... c 33 N94-23820 *
US-PATENT-APPL-SN-654454 ..... c 37 N92-21500 *
US-PATENT-APPL-SN-654704 ..... c 31 N92-16161 *
US-PATENT-APPL-SN-654787 ..... c 07 N77-32148 *
US-PATENT-APPL-SN-655149 ..... c 07 N77-23106 *
US-PATENT-APPL-SN-65548 ..... c 18 N70-39897 *
US-PATENT-APPL-SN-655601 ..... c 32 N86-27513 *
US-PATENT-APPL-SN-655605 ..... c 52 N87-24874 *
US-PATENT-APPL-SN-655606 ..... c 32 N89-14374 *
US-PATENT-APPL-SN-655675 ..... c 17 N71-24142 *
US-PATENT-APPL-SN-655677 ..... c 08 N71-19432 *
US-PATENT-APPL-SN-655724 ..... c 15 N71-22706 *
US-PATENT-APPL-SN-656924 ..... c 37 N93-18288 *
US-PATENT-APPL-SN-656924 ..... c 37 N93-31317 * #
US-PATENT-APPL-SN-656925 ..... c 37 N93-23075 *
US-PATENT-APPL-SN-656952 ..... c 09 N71-12519 *
US-PATENT-APPL-SN-656953 ..... c 14 N71-17585 *
US-PATENT-APPL-SN-656993 ..... c 09 N71-24843 *
US-PATENT-APPL-SN-656995 ..... c 21 N71-14132 *
US-PATENT-APPL-SN-657238 ..... c 24 N93-29614 *
US-PATENT-APPL-SN-657238 ..... c 24 N94-35076 *
US-PATENT-APPL-SN-657309 ..... c 31 N86-29055 *
US-PATENT-APPL-SN-657310 ..... c 35 N87-14670 *
US-PATENT-APPL-SN-657586 ..... c 37 N91-26542 * #
US-PATENT-APPL-SN-657598 ..... c 37 N92-21727 *
US-PATENT-APPL-SN-657742 ..... c 18 N71-26100 *
US-PATENT-APPL-SN-657790 ..... c 33 N92-29153 *
US-PATENT-APPL-SN-657903 ..... c 07 N83-33884 *
US-PATENT-APPL-SN-657907 ..... c 27 N78-17213 *
US-PATENT-APPL-SN-657995 ..... c 35 N77-22450 *
US-PATENT-APPL-SN-657996 ..... c 60 N78-10709 *
US-PATENT-APPL-SN-657997 ..... c 60 N77-32731 *
US-PATENT-APPL-SN-657998 ..... c 27 N78-32262 *
US-PATENT-APPL-SN-658132 ..... c 44 N77-32580 *
US-PATENT-APPL-SN-658133 ..... c 71 N78-10837 *
US-PATENT-APPL-SN-65840 ..... c 10 N72-20225 *
US-PATENT-APPL-SN-658449 ..... c 32 N77-20289 *
US-PATENT-APPL-SN-658450 ..... c 37 N77-22482 *
US-PATENT-APPL-SN-658477 ..... c 71 N93-13421 *
US-PATENT-APPL-SN-658487 ..... c 37 N81-25371 *
US-PATENT-APPL-SN-658911 ..... c 16 N92-16007 *
US-PATENT-APPL-SN-658955 ..... c 14 N71-15605 *
US-PATENT-APPL-SN-658956 ..... c 15 N71-15607 *
US-PATENT-APPL-SN-658957 ..... c 14 N71-17584 *
US-PATENT-APPL-SN-658964 ..... c 19 N71-26674 *
US-PATENT-APPL-SN-658999 ..... c 44 N82-24645 *
US-PATENT-APPL-SN-659474 ..... c 35 N86-26595 *
US-PATENT-APPL-SN-659475 ..... c 31 N86-32587 *
US-PATENT-APPL-SN-659882 ..... c 37 N78-13436 *
US-PATENT-APPL-SN-66004 ..... c 15 N72-25450 *
US-PATENT-APPL-SN-660371 ..... c 32 N92-29124 *
US-PATENT-APPL-SN-660380 ..... c 09 N93-24601 *
US-PATENT-APPL-SN-660473 ..... c 34 N94-23077 *
US-PATENT-APPL-SN-660571 ..... c 26 N71-23654 *
US-PATENT-APPL-SN-660572 ..... c 15 N71-15571 *
US-PATENT-APPL-SN-660573 ..... c 15 N71-28936 *
US-PATENT-APPL-SN-660755 ..... c 37 N93-13417 *
US-PATENT-APPL-SN-660841 ..... c 14 N71-15621 *
US-PATENT-APPL-SN-660842 ..... c 14 N71-23726 *
US-PATENT-APPL-SN-660843 ..... c 08 N71-24650 *
US-PATENT-APPL-SN-6610 ..... c 15 N72-22492 *
US-PATENT-APPL-SN-661170 ..... c 14 N71-24809 *
US-PATENT-APPL-SN-661481 ..... c 26 N88-14179 *
US-PATENT-APPL-SN-6615 ..... c 03 N72-25019 *
US-PATENT-APPL-SN-6616 ..... c 03 N72-22042 *
US-PATENT-APPL-SN-6617 ..... c 15 N72-22488 *
US-PATENT-APPL-SN-66206 ..... c 11 N73-13257 *
US-PATENT-APPL-SN-662175 ..... c 09 N77-27131 *
US-PATENT-APPL-SN-662176 ..... c 32 N77-21267 *
US-PATENT-APPL-SN-662181 ..... c 25 N82-21269 *
US-PATENT-APPL-SN-662182 ..... c 37 N78-27424 *
US-PATENT-APPL-SN-662182 ..... c 35 N79-26372 *
US-PATENT-APPL-SN-662763 ..... c 15 N73-12489 *
US-PATENT-APPL-SN-662828 ..... c 11 N71-18578 *
US-PATENT-APPL-SN-662829 ..... c 15 N71-15597 *
US-PATENT-APPL-SN-663008 ..... c 37 N77-28486 *
US-PATENT-APPL-SN-663180 ..... c 10 N71-23663 *
US-PATENT-APPL-SN-663840 ..... c 27 N86-20561 *
US-PATENT-APPL-SN-664008 ..... c 54 N92-16559 *
US-PATENT-APPL-SN-664091 ..... c 43 N79-17288 *
US-PATENT-APPL-SN-664194 ..... c 39 N93-13420 *
US-PATENT-APPL-SN-664445 ..... c 32 N93-29507 *
US-PATENT-APPL-SN-665032 ..... c 74 N77-22950 *
US-PATENT-APPL-SN-665033 ..... c 20 N77-20162 *
US-PATENT-APPL-SN-665209 ..... c 14 N71-23725 *
US-PATENT-APPL-SN-665371 ..... c 27 N93-11059 *
US-PATENT-APPL-SN-665509 ..... c 74 N92-29122 *
US-PATENT-APPL-SN-665676 ..... c 14 N71-19568 *
US-PATENT-APPL-SN-665679 ..... c 15 N71-20395 *
US-PATENT-APPL-SN-665680 ..... c 24 N71-16213 *
US-PATENT-APPL-SN-665681 ..... c 15 N71-18616 *
US-PATENT-APPL-SN-665734 ..... c 35 N78-18390 *
US-PATENT-APPL-SN-666551 ..... c 14 N71-23698 *
US-PATENT-APPL-SN-666553 ..... c 03 N71-11055 *
US-PATENT-APPL-SN-666554 ..... c 33 N71-16104 *
US-PATENT-APPL-SN-666555 ..... c 07 N71-24614 *
US-PATENT-APPL-SN-666992 ..... c 27 N77-30236 *
US-PATENT-APPL-SN-667010 ..... c 34 N77-27345 *
US-PATENT-APPL-SN-667625 ..... c 31 N71-15674 *
US-PATENT-APPL-SN-667636 ..... c 03 N71-20491 *
US-PATENT-APPL-SN-667637 ..... c 28 N71-14044 *
US-PATENT-APPL-SN-667928 ..... c 35 N77-30436 *
US-PATENT-APPL-SN-667929 ..... c 35 N79-14346 *
US-PATENT-APPL-SN-667930 ..... c 32 N77-28346 *
US-PATENT-APPL-SN-668116 ..... c 35 N76-16391 *
US-PATENT-APPL-SN-668238 ..... c 15 N71-15608 *
US-PATENT-APPL-SN-668241 ..... c 15 N71-17685 *
US-PATENT-APPL-SN-668242 ..... c 10 N71-27272 *
US-PATENT-APPL-SN-668247 ..... c 09 N71-20445 *
US-PATENT-APPL-SN-668248 ..... c 10 N71-26331 *
US-PATENT-APPL-SN-668249 ..... c 03 N71-20407 *
US-PATENT-APPL-SN-668257 ..... c 23 N71-16100 *
US-PATENT-APPL-SN-668302 ..... c 07 N71-12390 *
US-PATENT-APPL-SN-668432 ..... c 35 N86-29174 *
US-PATENT-APPL-SN-668751 ..... c 06 N71-11237 *
US-PATENT-APPL-SN-668755 ..... c 15 N71-17693 *
US-PATENT-APPL-SN-668771 ..... c 35 N78-32397 *
US-PATENT-APPL-SN-668783 ..... c 28 N80-10374 *
US-PATENT-APPL-SN-668968 ..... c 09 N71-12515 *
US-PATENT-APPL-SN-668969 ..... c 08 N71-19288 *
US-PATENT-APPL-SN-668971 ..... c 07 N78-33101 *
US-PATENT-APPL-SN-669140 ..... c 44 N86-32875 *
US-PATENT-APPL-SN-669336 ..... c 15 N71-17651 *
US-PATENT-APPL-SN-669911 ..... c 33 N78-17295 *
US-PATENT-APPL-SN-669928 ..... c 44 N77-22607 *
US-PATENT-APPL-SN-670814 ..... c 03 N71-19545 *
US-PATENT-APPL-SN-670829 ..... c 28 N72-23809 *
US-PATENT-APPL-SN-671603 ..... c 51 N93-18351 *
US-PATENT-APPL-SN-672209 ..... c 52 N82-22875 *
US-PATENT-APPL-SN-672210 ..... c 25 N78-10224 *
US-PATENT-APPL-SN-672219 ..... c 37 N80-28711 *
US-PATENT-APPL-SN-672219 ..... c 37 N81-26447 *
US-PATENT-APPL-SN-672220 ..... c 31 N78-17237 *
US-PATENT-APPL-SN-672221 ..... c 07 N78-27121 *
US-PATENT-APPL-SN-672222 ..... c 07 N78-25090 *
US-PATENT-APPL-SN-672223 ..... c 51 N78-27733 *
US-PATENT-APPL-SN-672224 ..... c 37 N86-25790 *
US-PATENT-APPL-SN-672382 ..... c 15 N71-23815 *
US-PATENT-APPL-SN-672383 ..... c 15 N71-24045 *
US-PATENT-APPL-SN-672384 ..... c 15 N71-27067 *
US-PATENT-APPL-SN-672388 ..... c 26 N72-17820 *
US-PATENT-APPL-SN-672636 ..... c 37 N79-11405 *
US-PATENT-APPL-SN-672695 ..... c 27 N78-17206 *
US-PATENT-APPL-SN-672815 ..... c 37 N77-23482 *
US-PATENT-APPL-SN-673226 ..... c 08 N71-12502 *
US-PATENT-APPL-SN-673227 ..... c 11 N71-24964 *
US-PATENT-APPL-SN-673228 ..... c 07 N71-19433 *
US-PATENT-APPL-SN-673229 ..... c 33 N71-15641 *
US-PATENT-APPL-SN-673685 ..... c 60 N87-21591 *
US-PATENT-APPL-SN-674194 ..... c 27 N78-17215 *
US-PATENT-APPL-SN-674195 ..... c 74 N78-17866 *
US-PATENT-APPL-SN-674355 ..... c 14 N71-20429 *
US-PATENT-APPL-SN-674356 ..... c 14 N71-23699 *
US-PATENT-APPL-SN-674357 ..... c 05 N71-12351 *
US-PATENT-APPL-SN-674395 ..... c 76 N87-23286 *
US-PATENT-APPL-SN-674636 ..... c 31 N91-25306 *
US-PATENT-APPL-SN-674700 ..... c 27 N77-31308 *
US-PATENT-APPL-SN-674828 ..... c 52 N92-33032 *
US-PATENT-APPL-SN-675238 ..... c 10 N71-26374 *
US-PATENT-APPL-SN-675328 ..... c 35 N78-15461 *
US-PATENT-APPL-SN-675351 ..... c 35 N78-10429 *
US-PATENT-APPL-SN-675471 ..... c 33 N90-20282 *
US-PATENT-APPL-SN-676012 ..... c 05 N71-11193 *
US-PATENT-APPL-SN-676375 ..... c 14 N71-18483 *
US-PATENT-APPL-SN-676386 ..... c 08 N71-12507 *
US-PATENT-APPL-SN-676387 ..... c 10 N71-25950 *
US-PATENT-APPL-SN-676391 ..... c 21 N71-11766 *
US-PATENT-APPL-SN-676432 ..... c 28 N78-24365 *
US-PATENT-APPL-SN-676432 ..... c 28 N80-20402 *
US-PATENT-APPL-SN-676432 ..... c 28 N81-14103 *
US-PATENT-APPL-SN-676433 ..... c 52 N77-28716 *
US-PATENT-APPL-SN-676910 ..... c 44 N92-29143 *
US-PATENT-APPL-SN-676957 ..... c 32 N77-18307 *
US-PATENT-APPL-SN-676958 ..... c 54 N76-22914 *
US-PATENT-APPL-SN-676958 ..... c 52 N81-25661 *
US-PATENT-APPL-SN-677008 ..... c 37 N92-21728 *
US-PATENT-APPL-SN-677059 ..... c 60 N93-29504 *
US-PATENT-APPL-SN-677182 ..... c 33 N92-33030 *
US-PATENT-APPL-SN-67730 ..... c 15 N73-13463 *
US-PATENT-APPL-SN-677351 ..... c 35 N77-32455 *
US-PATENT-APPL-SN-677352 ..... c 43 N78-10529 *
US-PATENT-APPL-SN-677353 ..... c 52 N78-14773 *
US-PATENT-APPL-SN-677373 ..... c 24 N92-18561 *
US-PATENT-APPL-SN-677475 ..... c 32 N71-26681 *
US-PATENT-APPL-SN-677476 ..... c 14 N71-17586 *
US-PATENT-APPL-SN-677505 ..... c 09 N71-13521 *
US-PATENT-APPL-SN-677506 ..... c 16 N71-15567 *
US-PATENT-APPL-SN-677508 ..... c 16 N71-15551 *
US-PATENT-APPL-SN-67815 ..... c 28 N72-22771 *
US-PATENT-APPL-SN-678520 ..... c 20 N78-24275 *
US-PATENT-APPL-SN-678551 ..... c 37 N92-33031 *
US-PATENT-APPL-SN-678553 ..... c 14 N93-24598 *
US-PATENT-APPL-SN-678700 ..... c 05 N71-19439 *
US-PATENT-APPL-SN-678780 ..... c 09 N94-10669 *
US-PATENT-APPL-SN-678813 ..... c 33 N81-29342 *
US-PATENT-APPL-SN-679055 ..... c 08 N71-24633 *
US-PATENT-APPL-SN-679862 ..... c 20 N71-16340 *
US-PATENT-APPL-SN-679885 ..... c 09 N71-12521 *
US-PATENT-APPL-SN-679980 ..... c 44 N82-24642 *
US-PATENT-APPL-SN-679987 ..... c 44 N82-24644 *
US-PATENT-APPL-SN-679996 ..... c 44 N82-24643 *
US-PATENT-APPL-SN-680015 ..... c 52 N79-14750 *
US-PATENT-APPL-SN-680048 ..... c 44 N82-24641 *

US-PATENT-APPL-SN-680067 ..... c 07 N77-27116 *
US-PATENT-APPL-SN-68023 ..... c 05 N72-33096 *
US-PATENT-APPL-SN-68024 ..... c 17 N72-22535 *
US-PATENT-APPL-SN-680605 ..... c 37 N91-14616 *
US-PATENT-APPL-SN-680938 ..... c 74 N77-26942 *
US-PATENT-APPL-SN-680939 ..... c 44 N78-10554 *
US-PATENT-APPL-SN-680957 ..... c 35 N77-27366 *
US-PATENT-APPL-SN-680958 ..... c 74 N78-18905 *
US-PATENT-APPL-SN-681000 ..... c 34 N78-25350 *
US-PATENT-APPL-SN-681001 ..... c 74 N76-22993 *
US-PATENT-APPL-SN-681017 ..... c 44 N77-32583 *
US-PATENT-APPL-SN-681041 ..... c 37 N86-27629 *
US-PATENT-APPL-SN-681096 ..... c 44 N77-32582 *
US-PATENT-APPL-SN-681288 ..... c 36 N92-16290 *
US-PATENT-APPL-SN-681687 ..... c 03 N71-20273 *
US-PATENT-APPL-SN-681692 ..... c 08 N71-12506 *
US-PATENT-APPL-SN-681693 ..... c 09 N71-18598 *
US-PATENT-APPL-SN-681942 ..... c 18 N71-15688 *
US-PATENT-APPL-SN-682151 ..... c 28 N93-18274 *
US-PATENT-APPL-SN-682153 ..... c 31 N93-22035 *
US-PATENT-APPL-SN-682160 ..... c 27 N92-29090 *
US-PATENT-APPL-SN-682416 ..... c 34 N77-24423 *
US-PATENT-APPL-SN-682435 ..... c 27 N77-32308 *
US-PATENT-APPL-SN-683073 ..... c 44 N81-29525 *
US-PATENT-APPL-SN-683073 ..... c 44 N82-28780 *
US-PATENT-APPL-SN-683101 ..... c 33 N87-21235 *
US-PATENT-APPL-SN-683111 ..... c 33 N87-22894 *
US-PATENT-APPL-SN-683465 ..... c 27 N82-29451 *
US-PATENT-APPL-SN-683507 ..... c 15 N71-15609 *
US-PATENT-APPL-SN-683606 ..... c 09 N71-24717 *
US-PATENT-APPL-SN-683612 ..... c 01 N69-39981 * #
US-PATENT-APPL-SN-683613 ..... c 15 N71-15610 *
US-PATENT-APPL-SN-684045 ..... c 07 N80-26298 *
US-PATENT-APPL-SN-684083 ..... c 09 N71-24596 *
US-PATENT-APPL-SN-684171 ..... c 26 N78-18183 *
US-PATENT-APPL-SN-684178 ..... c 15 N71-23812 *
US-PATENT-APPL-SN-684186 ..... c 35 N88-29150 *
US-PATENT-APPL-SN-684190 ..... c 54 N86-28619 *
US-PATENT-APPL-SN-684192 ..... c 54 N86-28620 *
US-PATENT-APPL-SN-684193 ..... c 54 N86-28618 *
US-PATENT-APPL-SN-684194 ..... c 35 N85-20300 * #
US-PATENT-APPL-SN-684209 ..... c 10 N71-19418 *
US-PATENT-APPL-SN-684807 ..... c 75 N78-27913 *
US-PATENT-APPL-SN-684894 ..... c 17 N71-26773 *
US-PATENT-APPL-SN-685027 ..... c 25 N78-10225 *
US-PATENT-APPL-SN-685062 ..... c 35 N92-22038 *
US-PATENT-APPL-SN-685463 ..... c 15 N71-23254 *
US-PATENT-APPL-SN-685473 ..... c 17 N71-16044 *
US-PATENT-APPL-SN-685497 ..... c 07 N69-39974 * #
US-PATENT-APPL-SN-685607 ..... c 37 N86-21850 *
US-PATENT-APPL-SN-685748 ..... c 07 N71-11282 *
US-PATENT-APPL-SN-685750 ..... c 27 N71-16392 *
US-PATENT-APPL-SN-685764 ..... c 14 N69-27459 * #
US-PATENT-APPL-SN-685766 ..... c 15 N69-21924 * #
US-PATENT-APPL-SN-685787 ..... c 14 N71-18625 *
US-PATENT-APPL-SN-686209 ..... c 15 N71-23809 *
US-PATENT-APPL-SN-686248 ..... c 14 N71-26774 *
US-PATENT-APPL-SN-686263 ..... c 39 N92-28757 *
US-PATENT-APPL-SN-686296 ..... c 18 N71-14014 *
US-PATENT-APPL-SN-686331 ..... c 38 N78-32447 *
US-PATENT-APPL-SN-686344 ..... c 15 N71-17688 *
US-PATENT-APPL-SN-686449 ..... c 34 N78-18355 *
US-PATENT-APPL-SN-686796 ..... c 15 N70-33311 *
US-PATENT-APPL-SN-686933 ..... c 14 N71-17588 *
US-PATENT-APPL-SN-686959 ..... c 02 N88-14071 *
US-PATENT-APPL-SN-687251 ..... c 52 N79-12694 *
US-PATENT-APPL-SN-687605 ..... c 51 N93-10110 *
US-PATENT-APPL-SN-687606 ..... c 37 N92-29092 *
US-PATENT-APPL-SN-687822 ..... c 44 N78-14625 *
US-PATENT-APPL-SN-688361 ..... c 35 N93-14714 *
US-PATENT-APPL-SN-688742 ..... c 15 N71-20441 *
US-PATENT-APPL-SN-688743 ..... c 15 N71-20393 *
US-PATENT-APPL-SN-688805 ..... c 14 N71-17701 *
US-PATENT-APPL-SN-688807 ..... c 03 N71-23239 *
US-PATENT-APPL-SN-688852 ..... c 44 N78-28594 *
US-PATENT-APPL-SN-688854 ..... c 54 N77-32722 *
US-PATENT-APPL-SN-688856 ..... c 54 N78-32720 *
US-PATENT-APPL-SN-688868 ..... c 15 N71-17686 *
US-PATENT-APPL-SN-689455 ..... c 54 N74-32546 *
US-PATENT-APPL-SN-690163 ..... c 14 N71-18465 *
US-PATENT-APPL-SN-690172 ..... c 11 N72-22245 *
US-PATENT-APPL-SN-690198 ..... c 35 N92-29097 *
US-PATENT-APPL-SN-690273 ..... c 20 N87-14420 *
US-PATENT-APPL-SN-690274 ..... c 05 N87-14314 *
US-PATENT-APPL-SN-690440 ..... c 34 N94-23306 *
US-PATENT-APPL-SN-690815 ..... c 32 N77-24328 *
US-PATENT-APPL-SN-690816 ..... c 37 N78-25426 *
US-PATENT-APPL-SN-690997 ..... c 16 N71-24828 *
US-PATENT-APPL-SN-690998 ..... c 30 N71-15990 *
US-PATENT-APPL-SN-691046 ..... c 36 N77-25501 *
US-PATENT-APPL-SN-691256 ..... c 35 N77-31465 *
US-PATENT-APPL-SN-691602 ..... c 74 N94-23309 *
US-PATENT-APPL-SN-691609 ..... c 37 N92-29099 *
US-PATENT-APPL-SN-691610 ..... c 18 N91-25167 * #
US-PATENT-APPL-SN-691647 ..... c 52 N82-11770 *
US-PATENT-APPL-SN-691735 ..... c 09 N71-12520 *
US-PATENT-APPL-SN-691736 ..... c 18 N71-16210 *
US-PATENT-APPL-SN-691737 ..... c 07 N71-24742 *
US-PATENT-APPL-SN-691738 ..... c 08 N71-18694 *
US-PATENT-APPL-SN-691739 ..... c 32 N71-15974 *
US-PATENT-APPL-SN-691909 ..... c 05 N71-24606 *
US-PATENT-APPL-SN-691936 ..... c 26 N77-32279 *
US-PATENT-APPL-SN-69209 ..... c 15 N72-21463 *
US-PATENT-APPL-SN-692284 ..... c 27 N78-14164 *
US-PATENT-APPL-SN-692331 ..... c 10 N71-26326 *
US-PATENT-APPL-SN-692332 ..... c 07 N71-11281 *
US-PATENT-APPL-SN-692413 ..... c 25 N78-25148 *
US-PATENT-APPL-SN-692414 ..... c 32 N77-24331 *
US-PATENT-APPL-SN-692471 ..... c 09 N71-12518 *
US-PATENT-APPL-SN-692636 ..... c 27 N81-24258 *
US-PATENT-APPL-SN-692745 ..... c 36 N87-17026 *
US-PATENT-APPL-SN-692801 ..... c 37 N87-22977 *
US-PATENT-APPL-SN-692801 ..... c 33 N92-16196 *
US-PATENT-APPL-SN-692802 ..... c 37 N87-17034 *
US-PATENT-APPL-SN-692875 ..... c 37 N86-20788 *
US-PATENT-APPL-SN-693049 ..... c 74 N92-29158 *
US-PATENT-APPL-SN-693049 ..... c 33 N93-20119 *
US-PATENT-APPL-SN-693074 ..... c 44 N78-24609 *
US-PATENT-APPL-SN-693419 ..... c 31 N71-16222 *
US-PATENT-APPL-SN-693420 ..... c 31 N71-16080 *
US-PATENT-APPL-SN-694246 ..... c 15 N71-26673 *
US-PATENT-APPL-SN-694247 ..... c 09 N69-21927 * #
US-PATENT-APPL-SN-694317 ..... c 12 N71-20436 *
US-PATENT-APPL-SN-694340 ..... c 11 N71-17600 *
US-PATENT-APPL-SN-694345 ..... c 10 N71-23669 *
US-PATENT-APPL-SN-694406 ..... c 35 N79-10389 *
US-PATENT-APPL-SN-694407 ..... c 27 N80-23452 *
US-PATENT-APPL-SN-694855 ..... c 33 N77-30365 *
US-PATENT-APPL-SN-69488 ..... c 23 N75-14834 *
US-PATENT-APPL-SN-695513 ..... c 07 N78-25089 *
US-PATENT-APPL-SN-695973 ..... c 05 N71-12343 *
US-PATENT-APPL-SN-696374 ..... c 44 N80-29835 *
US-PATENT-APPL-SN-696679 ..... c 38 N79-14398 *
US-PATENT-APPL-SN-696989 ..... c 27 N77-30237 *
US-PATENT-APPL-SN-697075 ..... c 15 N71-27184 *
US-PATENT-APPL-SN-697341 ..... c 09 N71-23188 *
US-PATENT-APPL-SN-698239 ..... c 33 N78-17294 *
US-PATENT-APPL-SN-698279 ..... c 37 N87-22976 *
US-PATENT-APPL-SN-698592 ..... c 15 N71-18580 *
US-PATENT-APPL-SN-698629 ..... c 09 N71-12516 *
US-PATENT-APPL-SN-698630 ..... c 09 N71-24841 *
US-PATENT-APPL-SN-698641 ..... c 74 N86-28732 *
US-PATENT-APPL-SN-698646 ..... c 24 N78-15180 *
US-PATENT-APPL-SN-699002 ..... c 32 N78-15323 *
US-PATENT-APPL-SN-699012 ..... c 33 N78-27326 *
US-PATENT-APPL-SN-699130 ..... c 27 N91-25298 * #
US-PATENT-APPL-SN-699288 ..... c 31 N92-33020 *
US-PATENT-APPL-SN-699299 ..... c 37 N94-10670 *
US-PATENT-APPL-SN-700040 ..... c 18 N72-23581 *
US-PATENT-APPL-SN-700120 ..... c 15 N71-20440 *
US-PATENT-APPL-SN-700142 ..... c 21 N71-14159 *
US-PATENT-APPL-SN-700174 ..... c 02 N71-20570 *
US-PATENT-APPL-SN-700255 ..... c 33 N87-21234 *
US-PATENT-APPL-SN-70032 ..... c 11 N73-12264 *
US-PATENT-APPL-SN-700368 ..... c 24 N94-29509 *
US-PATENT-APPL-SN-700379 ..... c 74 N94-20305 *
US-PATENT-APPL-SN-700467 ..... c 52 N79-14749 *
US-PATENT-APPL-SN-700541 ..... c 10 N71-25139 *
US-PATENT-APPL-SN-700586 ..... c 15 N71-19570 *
US-PATENT-APPL-SN-700673 ..... c 39 N77-28511 *
US-PATENT-APPL-SN-700984 ..... c 11 N71-19494 *
US-PATENT-APPL-SN-700985 ..... c 15 N69-23190 * #
US-PATENT-APPL-SN-700986 ..... c 12 N71-26387 *
US-PATENT-APPL-SN-700987 ..... c 09 N71-19610 *
US-PATENT-APPL-SN-701244 ..... c 05 N72-20096 *
US-PATENT-APPL-SN-701448 ..... c 52 N78-10686 *
US-PATENT-APPL-SN-701486 ..... c 31 N87-21159 *
US-PATENT-APPL-SN-701635 ..... c 12 N71-17578 *
US-PATENT-APPL-SN-701654 ..... c 03 N71-11049 *
US-PATENT-APPL-SN-701679 ..... c 02 N71-19287 *
US-PATENT-APPL-SN-701679 ..... c 07 N73-20174 *
US-PATENT-APPL-SN-701732 ..... c 24 N71-16095 *
US-PATENT-APPL-SN-701733 ..... c 10 N71-24844 *
US-PATENT-APPL-SN-701744 ..... c 21 N71-13958 *
US-PATENT-APPL-SN-701767 ..... c 07 N71-26101 *
US-PATENT-APPL-SN-702115 ..... c 71 N79-14871 *
US-PATENT-APPL-SN-702396 ..... c 31 N71-16345 *
US-PATENT-APPL-SN-702529 ..... c 36 N91-28557 * #
US-PATENT-APPL-SN-702911 ..... c 15 N71-24875 *
US-PATENT-APPL-SN-702967 ..... c 06 N71-24739 *
US-PATENT-APPL-SN-703107 ..... c 37 N77-22479 *
US-PATENT-APPL-SN-703238 ..... c 74 N94-23270 *
US-PATENT-APPL-SN-703435 ..... c 74 N93-11058 *
US-PATENT-APPL-SN-703649 ..... c 34 N94-20371 *
US-PATENT-APPL-SN-703847 ..... c 72 N86-33127 *
US-PATENT-APPL-SN-703905 ..... c 32 N80-14281 *
US-PATENT-APPL-SN-704180 ..... c 36 N78-27402 *
US-PATENT-APPL-SN-704224 ..... c 18 N71-15469 *
US-PATENT-APPL-SN-704299 ..... c 10 N71-26577 *
US-PATENT-APPL-SN-704420 ..... c 05 N71-11202 *
US-PATENT-APPL-SN-704446 ..... c 10 N71-33407 *
US-PATENT-APPL-SN-704465 ..... c 07 N71-24741 *
US-PATENT-APPL-SN-704468 ..... c 25 N79-28253 *
US-PATENT-APPL-SN-704668 ..... c 10 N71-12554 *
US-PATENT-APPL-SN-705474 ..... c 39 N93-29612 *
US-PATENT-APPL-SN-706013 ..... c 33 N71-27862 *
US-PATENT-APPL-SN-706073 ..... c 76 N79-11920 *
US-PATENT-APPL-SN-706424 ..... c 27 N78-32256 *
US-PATENT-APPL-SN-706424 ..... c 27 N80-10358 *
US-PATENT-APPL-SN-706424 ..... c 27 N80-24438 *
US-PATENT-APPL-SN-706425 ..... c 33 N78-10376 *
US-PATENT-APPL-SN-706564 ..... c 14 N71-17587 *
US-PATENT-APPL-SN-706564 ..... c 76 N87-15882 *
US-PATENT-APPL-SN-706565 ..... c 76 N87-25862 *
US-PATENT-APPL-SN-706681 ..... c 35 N86-32696 *
US-PATENT-APPL-SN-706682 ..... c 24 N86-28131 *
US-PATENT-APPL-SN-707124 ..... c 44 N77-22606 *
US-PATENT-APPL-SN-707125 ..... c 39 N78-16387 *
US-PATENT-APPL-SN-707440 ..... c 06 N73-30102 *
US-PATENT-APPL-SN-707495 ..... c 11 N71-18773 *
US-PATENT-APPL-SN-708255 ..... c 24 N93-14706 *
US-PATENT-APPL-SN-708658 ..... c 33 N77-26385 *
US-PATENT-APPL-SN-708660 ..... c 34 N78-27357 *
US-PATENT-APPL-SN-708771 ..... c 26 N78-24333 *
US-PATENT-APPL-SN-708795 ..... c 37 N77-28487 *
US-PATENT-APPL-SN-708796 ..... c 36 N78-18410 *
US-PATENT-APPL-SN-708800 ..... c 54 N78-17676 *
US-PATENT-APPL-SN-708951 ..... c 27 N78-31232 *
US-PATENT-APPL-SN-709255 ..... c 37 N86-32738 *
US-PATENT-APPL-SN-709257 ..... c 32 N87-14559 *
US-PATENT-APPL-SN-709398 ..... c 06 N71-13461 *
US-PATENT-APPL-SN-709399 ..... c 16 N71-26154 *
US-PATENT-APPL-SN-709415 ..... c 44 N78-27515 *
US-PATENT-APPL-SN-709622 ..... c 33 N71-24858 *
US-PATENT-APPL-SN-70967 ..... c 07 N73-13149 *
US-PATENT-APPL-SN-70967 ..... c 32 N74-10132 *
US-PATENT-APPL-SN-709849 ..... c 52 N77-25772 *
US-PATENT-APPL-SN-709907 ..... c 20 N91-26200 * #
US-PATENT-APPL-SN-710032 ..... c 54 N77-30749 *
US-PATENT-APPL-SN-710035 ..... c 44 N78-24608 *
US-PATENT-APPL-SN-710036 ..... c 44 N78-32539 *
US-PATENT-APPL-SN-710192 ..... c 33 N91-26459 * #
US-PATENT-APPL-SN-710193 ..... c 35 N91-25388 * #
US-PATENT-APPL-SN-710424 ..... c 36 N93-13418 *
US-PATENT-APPL-SN-71047 ..... c 09 N72-21247 *
US-PATENT-APPL-SN-71048 ..... c 18 N73-12604 *
US-PATENT-APPL-SN-710533 ..... c 02 N71-11043 *
US-PATENT-APPL-SN-710561 ..... c 09 N71-12517 *
US-PATENT-APPL-SN-710562 ..... c 31 N71-16085 *
US-PATENT-APPL-SN-710621 ..... c 06 N73-27086 *
US-PATENT-APPL-SN-710845 ..... c 63 N93-14701 *
US-PATENT-APPL-SN-710945 ..... c 33 N71-15568 *
US-PATENT-APPL-SN-710949 ..... c 12 N71-17631 *
US-PATENT-APPL-SN-711898 ..... c 18 N71-24934 *
US-PATENT-APPL-SN-711903 ..... c 18 N71-26772 *
US-PATENT-APPL-SN-711921 ..... c 18 N71-16105 *
US-PATENT-APPL-SN-711970 ..... c 09 N71-18830 *
US-PATENT-APPL-SN-711971 ..... c 09 N71-23598 *
US-PATENT-APPL-SN-711972 ..... c 06 N71-24607 *
US-PATENT-APPL-SN-712065 ..... c 08 N71-12503 *
US-PATENT-APPL-SN-712099 ..... c 23 N71-24868 *
US-PATENT-APPL-SN-712270 ..... c 52 N79-27836 *
US-PATENT-APPL-SN-712419 ..... c 35 N78-14364 *
US-PATENT-APPL-SN-712658 ..... c 07 N71-19773 *
US-PATENT-APPL-SN-712796 ..... c 60 N91-32805 * #
US-PATENT-APPL-SN-712981 ..... c 31 N78-25256 *
US-PATENT-APPL-SN-713027 ..... c 37 N79-10419 *
US-PATENT-APPL-SN-713162 ..... c 06 N71-26754 *
US-PATENT-APPL-SN-713188 ..... c 08 N71-33110 *
US-PATENT-APPL-SN-713449 ..... c 74 N87-25843 *
US-PATENT-APPL-SN-713616 ..... c 06 N71-27363 *
US-PATENT-APPL-SN-714051 ..... c 33 N86-21742 *
US-PATENT-APPL-SN-714158 ..... c 33 N78-13320 *
US-PATENT-APPL-SN-714296 ..... c 14 N71-15604 *
US-PATENT-APPL-SN-714595 ..... c 15 N71-17822 *
US-PATENT-APPL-SN-714814 ..... c 37 N92-29120 *
US-PATENT-APPL-SN-715485 ..... c 74 N78-14889 *
US-PATENT-APPL-SN-715975 ..... c 06 N71-11240 *
US-PATENT-APPL-SN-716150 ..... c 32 N92-10126 * #
US-PATENT-APPL-SN-716150 ..... c 32 N93-18284 *
US-PATENT-APPL-SN-716182 ..... c 53 N93-29610 *
US-PATENT-APPL-SN-716183 ..... c 15 N71-18132 *
US-PATENT-APPL-SN-716734 ..... c 15 N71-17628 *
US-PATENT-APPL-SN-716795 ..... c 14 N71-20435 *
US-PATENT-APPL-SN-716885 ..... c 74 N78-33913 *
US-PATENT-APPL-SN-717052 ..... c 14 N71-17626 *
US-PATENT-APPL-SN-717319 ..... c 44 N77-31601 *
US-PATENT-APPL-SN-717320 ..... c 44 N78-15560 *
US-PATENT-APPL-SN-717447 ..... c 76 N93-14707 *
US-PATENT-APPL-SN-717755 ..... c 39 N92-34174 *
US-PATENT-APPL-SN-717822 ..... c 09 N71-25866 *
US-PATENT-APPL-SN-718046 ..... c 26 N92-29094 *
US-PATENT-APPL-SN-718095 ..... c 28 N70-39899 *
US-PATENT-APPL-SN-718137 ..... c 44 N78-31527 *
US-PATENT-APPL-SN-718244 ..... c 05 N78-32086 *
US-PATENT-APPL-SN-718266 ..... c 74 N78-17867 *
US-PATENT-APPL-SN-718267 ..... c 26 N77-29260 *
US-PATENT-APPL-SN-718268 ..... c 44 N78-33526 *

US-PATENT-APPL-SN-718279 ..... c 15 N71-26312 *
US-PATENT-APPL-SN-718313 ..... c 02 N92-34172 *
US-PATENT-APPL-SN-718314 ..... c 76 N94-20381 *
US-PATENT-APPL-SN-718315 ..... c 76 N91-26966 * #
US-PATENT-APPL-SN-718689 ..... c 14 N71-17655 *
US-PATENT-APPL-SN-718752 ..... c 03 N71-18698 *
US-PATENT-APPL-SN-718769 ..... c 14 N71-17662 *
US-PATENT-APPL-SN-718798 ..... c 76 N91-15898 *
US-PATENT-APPL-SN-719029 ..... c 14 N71-27186 *
US-PATENT-APPL-SN-719173 ..... c 28 N70-33331 *
US-PATENT-APPL-SN-719794 ..... c 35 N86-32695 * #
US-PATENT-APPL-SN-719796 ..... c 24 N86-21590 *
US-PATENT-APPL-SN-719799 ..... c 35 N86-25752 *
US-PATENT-APPL-SN-719869 ..... c 31 N71-15676 *
US-PATENT-APPL-SN-719870 ..... c 07 N71-26292 *
US-PATENT-APPL-SN-720041 ..... c 05 N71-27234 *
US-PATENT-APPL-SN-720125 ..... c 09 N71-12539 *
US-PATENT-APPL-SN-720133 ..... c 27 N91-28423 * #
US-PATENT-APPL-SN-720153 ..... c 39 N94-10671 *
US-PATENT-APPL-SN-72024 ..... c 09 N73-12211 *
US-PATENT-APPL-SN-720521 ..... c 44 N78-25530 *
US-PATENT-APPL-SN-720546 ..... c 18 N72-17532 *
US-PATENT-APPL-SN-721038 ..... c 27 N93-25995 *
US-PATENT-APPL-SN-721150 ..... c 37 N78-17383 *
US-PATENT-APPL-SN-721607 ..... c 18 N71-25881 *
US-PATENT-APPL-SN-722446 ..... c 20 N93-18856 *
US-PATENT-APPL-SN-723264 ..... c 24 N78-10214 *
US-PATENT-APPL-SN-723264 ..... c 24 N78-17149 *
US-PATENT-APPL-SN-723465 ..... c 15 N72-29488 *
US-PATENT-APPL-SN-723465 ..... c 37 N74-15125 *
US-PATENT-APPL-SN-723476 ..... c 05 N71-12341 *
US-PATENT-APPL-SN-723488 ..... c 09 N71-28691 *
US-PATENT-APPL-SN-723804 ..... c 09 N71-24806 *
US-PATENT-APPL-SN-723805 ..... c 10 N71-26339 *
US-PATENT-APPL-SN-723827 ..... c 10 N71-27137 *
US-PATENT-APPL-SN-724551 ..... c 15 N71-17696 *
US-PATENT-APPL-SN-724874 ..... c 76 N78-24950 *
US-PATENT-APPL-SN-725111 ..... c 52 N93-14708 *
US-PATENT-APPL-SN-725405 ..... c 15 N71-26134 *
US-PATENT-APPL-SN-725432 ..... c 07 N71-24622 *
US-PATENT-APPL-SN-725475 ..... c 31 N71-15643 *
US-PATENT-APPL-SN-725686 ..... c 27 N87-15304 *
US-PATENT-APPL-SN-725689 ..... c 37 N87-17037 *
US-PATENT-APPL-SN-725714 ..... c 33 N89-14384 *
US-PATENT-APPL-SN-725719 ..... c 15 N71-26243 *
US-PATENT-APPL-SN-725725 ..... c 27 N87-16908 *
US-PATENT-APPL-SN-725727 ..... c 27 N87-22845 *
US-PATENT-APPL-SN-726898 ..... c 12 N71-17579 *
US-PATENT-APPL-SN-727034 ..... c 35 N87-14669 *
US-PATENT-APPL-SN-727035 ..... c 33 N86-32624 *
US-PATENT-APPL-SN-727444 ..... c 31 N81-15154 *
US-PATENT-APPL-SN-727480 ..... c 14 N71-17658 *
US-PATENT-APPL-SN-727503 ..... c 08 N81-19130 *
US-PATENT-APPL-SN-727838 ..... c 33 N86-20681 * #
US-PATENT-APPL-SN-727931 ..... c 33 N88-24862 *
US-PATENT-APPL-SN-728234 ..... c 03 N71-12255 *
US-PATENT-APPL-SN-728369 ..... c 52 N76-33835 * #
US-PATENT-APPL-SN-728901 ..... c 25 N93-22036 *
US-PATENT-APPL-SN-729107 ..... c 75 N94-20491 *
US-PATENT-APPL-SN-729299 ..... c 03 N72-15986 *
US-PATENT-APPL-SN-729704 ..... c 37 N87-23983 *
US-PATENT-APPL-SN-729719 ..... c 32 N87-25511 *
US-PATENT-APPL-SN-729766 ..... c 09 N87-14355 *
US-PATENT-APPL-SN-729767 ..... c 24 N87-27742 * #
US-PATENT-APPL-SN-729768 ..... c 72 N87-21660 *
US-PATENT-APPL-SN-730045 ..... c 32 N78-24391 *
US-PATENT-APPL-SN-730046 ..... c 35 N78-32396 *
US-PATENT-APPL-SN-730162 ..... c 09 N71-18599 *
US-PATENT-APPL-SN-730468 ..... c 25 N79-11152 *
US-PATENT-APPL-SN-730700 ..... c 07 N71-24583 *
US-PATENT-APPL-SN-730701 ..... c 12 N71-18615 *
US-PATENT-APPL-SN-730702 ..... c 33 N71-16356 *
US-PATENT-APPL-SN-730703 ..... c 10 N71-13537 *
US-PATENT-APPL-SN-730733 ..... c 28 N71-16224 *
US-PATENT-APPL-SN-730734 ..... c 15 N71-17654 *
US-PATENT-APPL-SN-730778 ..... c 32 N79-10264 *
US-PATENT-APPL-SN-731388 ..... c 15 N71-24835 *
US-PATENT-APPL-SN-731829 ..... c 16 N94-20304 *
US-PATENT-APPL-SN-732321 ..... c 33 N87-28832 *
US-PATENT-APPL-SN-732455 ..... c 22 N71-28759 *
US-PATENT-APPL-SN-732630 ..... c 36 N78-14380 *
US-PATENT-APPL-SN-73283 ..... c 15 N72-28495 *
US-PATENT-APPL-SN-732884 ..... c 27 N92-28751 *
US-PATENT-APPL-SN-732917 ..... c 14 N71-17575 *
US-PATENT-APPL-SN-732921 ..... c 10 N71-26544 *
US-PATENT-APPL-SN-732922 ..... c 17 N71-28747 *
US-PATENT-APPL-SN-733039 ..... c 07 N72-12081 *
US-PATENT-APPL-SN-73310 ..... c 09 N72-25247 *
US-PATENT-APPL-SN-73367 ..... c 14 N71-15969 *
US-PATENT-APPL-SN-733825 ..... c 31 N79-11246 *
US-PATENT-APPL-SN-73422 ..... c 15 N72-25454 *
US-PATENT-APPL-SN-734366 ..... c 27 N87-22847 *
US-PATENT-APPL-SN-734805 ..... c 14 N70-34816 *
US-PATENT-APPL-SN-734901 ..... c 27 N78-17205 *
US-PATENT-APPL-SN-734902 ..... c 24 N78-14096 *
US-PATENT-APPL-SN-735149 ..... c 37 N92-34173 *
US-PATENT-APPL-SN-735548 ..... c 24 N93-29609 *
US-PATENT-APPL-SN-735911 ..... c 14 N70-41946 *
US-PATENT-APPL-SN-736145 ..... c 34 N92-29125 *
US-PATENT-APPL-SN-736286 ..... c 32 N79-11265 *
US-PATENT-APPL-SN-736667 ..... c 27 N94-20373 *
US-PATENT-APPL-SN-736848 ..... c 23 N71-16212 *
US-PATENT-APPL-SN-736880 ..... c 27 N92-11201 * #
US-PATENT-APPL-SN-736909 ..... c 37 N79-11404 *
US-PATENT-APPL-SN-736910 ..... c 27 N78-32260 *
US-PATENT-APPL-SN-736985 ..... c 25 N92-30098 * #
US-PATENT-APPL-SN-737018 ..... c 37 N86-20801 * #
US-PATENT-APPL-SN-737756 ..... c 35 N93-17626 *
US-PATENT-APPL-SN-737974 ..... c 33 N78-18308 *
US-PATENT-APPL-SN-737975 ..... c 32 N84-27952 *
US-PATENT-APPL-SN-738119 ..... c 18 N71-15545 *
US-PATENT-APPL-SN-738218 ..... c 37 N78-27425 *
US-PATENT-APPL-SN-738314 ..... c 12 N71-17573 *
US-PATENT-APPL-SN-738315 ..... c 14 N71-27334 *
US-PATENT-APPL-SN-738315 ..... c 14 N72-31446 *
US-PATENT-APPL-SN-73834 ..... c 15 N72-23497 *
US-PATENT-APPL-SN-738931 ..... c 35 N86-20756 * #
US-PATENT-APPL-SN-739026 ..... c 24 N94-29509 *
US-PATENT-APPL-SN-739072 ..... c 33 N75-27251 *
US-PATENT-APPL-SN-73922 ..... c 14 N73-25461 *
US-PATENT-APPL-SN-73932 ..... c 15 N72-22485 *
US-PATENT-APPL-SN-739391 ..... c 09 N72-17156 *
US-PATENT-APPL-SN-739760 ..... c 27 N86-31726 * #
US-PATENT-APPL-SN-739788 ..... c 37 N88-14360 *
US-PATENT-APPL-SN-739789 ..... c 34 N85-29182 * #
US-PATENT-APPL-SN-739792 ..... c 33 N87-28833 *
US-PATENT-APPL-SN-739908 ..... c 15 N78-25119 *
US-PATENT-APPL-SN-739909 ..... c 37 N78-24545 *
US-PATENT-APPL-SN-739914 ..... c 33 N78-10375 *
US-PATENT-APPL-SN-739915 ..... c 37 N78-24544 *
US-PATENT-APPL-SN-739927 ..... c 32 N71-16103 *
US-PATENT-APPL-SN-740153 ..... c 28 N79-11231 *
US-PATENT-APPL-SN-740155 ..... c 74 N78-27904 *
US-PATENT-APPL-SN-740156 ..... c 71 N78-14867 *
US-PATENT-APPL-SN-740457 ..... c 35 N78-32395 *
US-PATENT-APPL-SN-740526 ..... c 31 N93-26101 *
US-PATENT-APPL-SN-740675 ..... c 38 N91-32515 * #
US-PATENT-APPL-SN-741056 ..... c 07 N81-19116 *
US-PATENT-APPL-SN-741405 ..... c 23 N86-21582 *
US-PATENT-APPL-SN-741461 ..... c 12 N71-18603 *
US-PATENT-APPL-SN-741749 ..... c 52 N79-14751 *
US-PATENT-APPL-SN-741824 ..... c 07 N71-12389 *
US-PATENT-APPL-SN-742034 ..... c 33 N78-10377 *
US-PATENT-APPL-SN-742238 ..... c 02 N93-18275 *
US-PATENT-APPL-SN-742816 ..... c 14 N71-17656 *
US-PATENT-APPL-SN-743249 ..... c 35 N77-32456 *
US-PATENT-APPL-SN-743429 ..... c 07 N71-11285 *
US-PATENT-APPL-SN-743468 ..... c 09 N93-25996 *
US-PATENT-APPL-SN-743469 ..... c 16 N93-20115 *
US-PATENT-APPL-SN-743485 ..... c 37 N93-22384 *
US-PATENT-APPL-SN-743525 ..... c 07 N71-28430 *
US-PATENT-APPL-SN-744042 ..... c 60 N93-20116 *
US-PATENT-APPL-SN-744197 ..... c 74 N93-13419 *
US-PATENT-APPL-SN-744477 ..... c 33 N78-25319 *
US-PATENT-APPL-SN-744522 ..... c 33 N77-21314 *
US-PATENT-APPL-SN-744573 ..... c 44 N78-25531 *
US-PATENT-APPL-SN-744574 ..... c 25 N78-14104 *
US-PATENT-APPL-SN-744577 ..... c 35 N79-10391 *
US-PATENT-APPL-SN-744910 ..... c 15 N71-17649 *
US-PATENT-APPL-SN-745337 ..... c 28 N72-20758 *
US-PATENT-APPL-SN-745384 ..... c 25 N79-11151 *
US-PATENT-APPL-SN-745766 ..... c 37 N79-11403 *
US-PATENT-APPL-SN-745852 ..... c 12 N71-17661 *
US-PATENT-APPL-SN-745973 ..... c 36 N86-29204 *
US-PATENT-APPL-SN-745977 ..... c 35 N87-14671 *
US-PATENT-APPL-SN-746160 ..... c 37 N86-20797 * #
US-PATENT-APPL-SN-746269 ..... c 44 N78-25528 *
US-PATENT-APPL-SN-746578 ..... c 12 N79-26075 *
US-PATENT-APPL-SN-746579 ..... c 33 N81-27397 *
US-PATENT-APPL-SN-746580 ..... c 34 N78-17335 *
US-PATENT-APPL-SN-746809 ..... c 35 N87-22953 *
US-PATENT-APPL-SN-747059 ..... c 74 N94-20303 *
US-PATENT-APPL-SN-74759 ..... c 14 N73-20478 *
US-PATENT-APPL-SN-747674 ..... c 27 N80-26446 *
US-PATENT-APPL-SN-747675 ..... c 37 N78-31426 *
US-PATENT-APPL-SN-748224 ..... c 34 N92-17909 * #
US-PATENT-APPL-SN-748536 ..... c 33 N86-20680 * #
US-PATENT-APPL-SN-74861 ..... c 27 N72-25699 *
US-PATENT-APPL-SN-74862 ..... c 27 N73-16764 *
US-PATENT-APPL-SN-748933 ..... c 25 N91-23271 * #
US-PATENT-APPL-SN-749121 ..... c 07 N72-11149 *
US-PATENT-APPL-SN-749148 ..... c 10 N71-19421 *
US-PATENT-APPL-SN-749149 ..... c 15 N71-24897 *
US-PATENT-APPL-SN-749181 ..... c 09 N71-24803 *
US-PATENT-APPL-SN-749320 ..... c 14 N72-22443 *
US-PATENT-APPL-SN-749420 ..... c 04 N82-16059 *
US-PATENT-APPL-SN-749548 ..... c 10 N71-33129 *
US-PATENT-APPL-SN-749737 ..... c 35 N93-29084 *
US-PATENT-APPL-SN-749819 ..... c 61 N93-18858 *
US-PATENT-APPL-SN-750031 ..... c 05 N73-32012 *
US-PATENT-APPL-SN-750158 ..... c 27 N93-29085 *
US-PATENT-APPL-SN-750235 ..... c 25 N75-14844 *
US-PATENT-APPL-SN-750655 ..... c 74 N78-32854 *
US-PATENT-APPL-SN-750786 ..... c 07 N71-27341 *
US-PATENT-APPL-SN-750787 ..... c 10 N71-27126 *
US-PATENT-APPL-SN-750792 ..... c 37 N79-11402 *
US-PATENT-APPL-SN-750798 ..... c 85 N79-17747 *
US-PATENT-APPL-SN-751061 ..... c 18 N71-29040 *
US-PATENT-APPL-SN-751198 ..... c 03 N71-24718 *
US-PATENT-APPL-SN-751215 ..... c 22 N72-20597 *
US-PATENT-APPL-SN-751266 ..... c 15 N71-33518 *
US-PATENT-APPL-SN-751440 ..... c 36 N93-18277 *
US-PATENT-APPL-SN-751489 ..... c 38 N94-29548 *
US-PATENT-APPL-SN-751644 ..... c 85 N87-21755 *
US-PATENT-APPL-SN-751691 ..... c 37 N87-21332 *
US-PATENT-APPL-SN-751695 ..... c 71 N87-21652 *
US-PATENT-APPL-SN-752050 ..... c 07 N81-19115 *
US-PATENT-APPL-SN-752246 ..... c 27 N94-20374 *
US-PATENT-APPL-SN-752729 ..... c 09 N71-26787 *
US-PATENT-APPL-SN-752748 ..... c 35 N78-25391 *
US-PATENT-APPL-SN-752946 ..... c 15 N71-29032 *
US-PATENT-APPL-SN-752947 ..... c 31 N71-15689 *
US-PATENT-APPL-SN-753103 ..... c 37 N80-14397 *
US-PATENT-APPL-SN-753452 ..... c 07 N79-14096 *
US-PATENT-APPL-SN-753964 ..... c 24 N78-27180 *
US-PATENT-APPL-SN-753965 ..... c 54 N78-31735 *
US-PATENT-APPL-SN-753965 ..... c 54 N79-24651 *
US-PATENT-APPL-SN-753971 ..... c 71 N84-14873 *
US-PATENT-APPL-SN-753974 ..... c 16 N71-33410 *
US-PATENT-APPL-SN-753976 ..... c 54 N78-17675 *
US-PATENT-APPL-SN-753977 ..... c 74 N79-12890 *
US-PATENT-APPL-SN-753978 ..... c 54 N78-32721 *
US-PATENT-APPL-SN-754019 ..... c 09 N71-25999 *
US-PATENT-APPL-SN-754020 ..... c 12 N71-27332 *
US-PATENT-APPL-SN-754055 ..... c 07 N71-24624 *
US-PATENT-APPL-SN-754066 ..... c 39 N78-15512 *
US-PATENT-APPL-SN-75431 ..... c 21 N72-31637 *
US-PATENT-APPL-SN-754362 ..... c 27 N87-21112 *
US-PATENT-APPL-SN-754707 ..... c 33 N87-22895 *
US-PATENT-APPL-SN-754828 ..... c 37 N92-33634 *
US-PATENT-APPL-SN-755207 ..... c 27 N92-10105 * #
US-PATENT-APPL-SN-755207 ..... c 25 N93-29506 *
US-PATENT-APPL-SN-755207 ..... c 23 N94-29554 *
US-PATENT-APPL-SN-755288 ..... c 34 N87-22950 *
US-PATENT-APPL-SN-755288 ..... c 34 N88-23958 *
US-PATENT-APPL-SN-755310 ..... c 25 N78-15210 *
US-PATENT-APPL-SN-755323 ..... c 74 N79-11865 *
US-PATENT-APPL-SN-755960 ..... c 31 N88-29052 *
US-PATENT-APPL-SN-756260 ..... c 23 N71-26722 *
US-PATENT-APPL-SN-756266 ..... c 15 N71-26145 *
US-PATENT-APPL-SN-756381 ..... c 06 N71-25929 *
US-PATENT-APPL-SN-756511 ..... c 09 N71-27016 *
US-PATENT-APPL-SN-756834 ..... c 15 N72-21466 *
US-PATENT-APPL-SN-757017 ..... c 35 N77-21393 *
US-PATENT-APPL-SN-757625 ..... c 09 N71-26701 *
US-PATENT-APPL-SN-757857 ..... c 10 N71-25900 *
US-PATENT-APPL-SN-757861 ..... c 05 N71-11194 *
US-PATENT-APPL-SN-757875 ..... c 09 N71-24805 *
US-PATENT-APPL-SN-758082 ..... c 15 N71-17805 *
US-PATENT-APPL-SN-758390 ..... c 28 N71-26642 *
US-PATENT-APPL-SN-758540 ..... c 28 N73-27699 *
US-PATENT-APPL-SN-758721 ..... c 52 N79-18580 *
US-PATENT-APPL-SN-758942 ..... c 27 N71-14090 *
US-PATENT-APPL-SN-758977 ..... c 38 N92-29154 *
US-PATENT-APPL-SN-759220 ..... c 27 N78-17214 *
US-PATENT-APPL-SN-759256 ..... c 07 N71-27233 *
US-PATENT-APPL-SN-759367 ..... c 37 N92-29150 *
US-PATENT-APPL-SN-759457 ..... c 33 N71-16357 *
US-PATENT-APPL-SN-759460 ..... c 09 N71-24597 *
US-PATENT-APPL-SN-759665 ..... c 14 N71-18481 *
US-PATENT-APPL-SN-759965 ..... c 52 N79-26771 *
US-PATENT-APPL-SN-760057 ..... c 44 N79-14527 *
US-PATENT-APPL-SN-760114 ..... c 28 N72-11709 *
US-PATENT-APPL-SN-760374 ..... c 27 N87-16909 *
US-PATENT-APPL-SN-760374 ..... c 23 N88-24692 *
US-PATENT-APPL-SN-760378 ..... c 37 N86-32737 *
US-PATENT-APPL-SN-760389 ..... c 09 N71-24618 *
US-PATENT-APPL-SN-760633 ..... c 52 N94-20372 *
US-PATENT-APPL-SN-760634 ..... c 37 N92-24243 * #
US-PATENT-APPL-SN-760771 ..... c 44 N79-14528 *
US-PATENT-APPL-SN-760790 ..... c 36 N87-28006 *
US-PATENT-APPL-SN-760791 ..... c 27 N87-14515 *
US-PATENT-APPL-SN-760797 ..... c 27 N87-16907 *
US-PATENT-APPL-SN-760799 ..... c 54 N87-29118 *
US-PATENT-APPL-SN-760809 ..... c 24 N78-24290 *
US-PATENT-APPL-SN-760810 ..... c 26 N78-32229 *
US-PATENT-APPL-SN-760819 ..... c 14 N70-34820 *
US-PATENT-APPL-SN-760927 ..... c 26 N71-25490 *
US-PATENT-APPL-SN-760928 ..... c 15 N71-28582 *
US-PATENT-APPL-SN-761007 ..... c 18 N71-26155 *
US-PATENT-APPL-SN-761198 ..... c 74 N94-20378 *
US-PATENT-APPL-SN-761198 ..... c 74 N94-20586 *
US-PATENT-APPL-SN-761235 ..... c 27 N86-32569 *
US-PATENT-APPL-SN-761252 ..... c 27 N80-32515 *
US-PATENT-APPL-SN-761310 ..... c 25 N88-23846 *
US-PATENT-APPL-SN-761404 ..... c 09 N71-12526 *
US-PATENT-APPL-SN-761566 ..... c 61 N94-20492 *
US-PATENT-APPL-SN-762362 ..... c 44 N79-24433 *

US-PATENT-APPL-SN-762363 ..... c 44 N79-24432 *
US-PATENT-APPL-SN-762438 ..... c 12 N71-17569 *
US-PATENT-APPL-SN-762935 ..... c 14 N71-29041 *
US-PATENT-APPL-SN-762936 ..... c 31 N69-27499 * #
US-PATENT-APPL-SN-762956 ..... c 14 N71-26627 *
US-PATENT-APPL-SN-762957 ..... c 08 N71-27210 *
US-PATENT-APPL-SN-763040 ..... c 14 N72-28438 *
US-PATENT-APPL-SN-763355 ..... c 06 N71-28620 *
US-PATENT-APPL-SN-763684 ..... c 15 N72-16329 *
US-PATENT-APPL-SN-763685 ..... c 15 N71-24910 *
US-PATENT-APPL-SN-763705 ..... c 09 N71-18720 *
US-PATENT-APPL-SN-763706 ..... c 15 N71-24896 *
US-PATENT-APPL-SN-763729 ..... c 12 N71-26546 *
US-PATENT-APPL-SN-763743 ..... c 14 N72-21409 *
US-PATENT-APPL-SN-763744 ..... c 10 N72-27246 *
US-PATENT-APPL-SN-763753 ..... c 43 N78-14452 *
US-PATENT-APPL-SN-763868 ..... c 15 N71-24679 *
US-PATENT-APPL-SN-763869 ..... c 17 N71-16393 *
US-PATENT-APPL-SN-764245 ..... c 24 N80-33482 *
US-PATENT-APPL-SN-764252 ..... c 14 N71-25901 *
US-PATENT-APPL-SN-764470 ..... c 16 N71-28554 *
US-PATENT-APPL-SN-764581 ..... c 25 N93-29617 *
US-PATENT-APPL-SN-764805 ..... c 37 N87-17036 *
US-PATENT-APPL-SN-764812 ..... c 10 N71-19468 *
US-PATENT-APPL-SN-764812 ..... c 76 N88-24543 *
US-PATENT-APPL-SN-764823 ..... c 33 N78-17296 *
US-PATENT-APPL-SN-765069 ..... c 37 N93-14710 *
US-PATENT-APPL-SN-765070 ..... c 35 N92-33614 *
US-PATENT-APPL-SN-765123 ..... c 31 N71-15687 *
US-PATENT-APPL-SN-765138 ..... c 44 N79-10513 *
US-PATENT-APPL-SN-765139 ..... c 44 N78-31526 *
US-PATENT-APPL-SN-765165 ..... c 32 N79-11264 *
US-PATENT-APPL-SN-765167 ..... c 32 N79-10263 *
US-PATENT-APPL-SN-765264 ..... c 02 N71-29128 *
US-PATENT-APPL-SN-765273 ..... c 54 N92-21589 *
US-PATENT-APPL-SN-765615 ..... c 52 N92-11628 * #
US-PATENT-APPL-SN-765738 ..... c 03 N71-11057 *
US-PATENT-APPL-SN-765978 ..... c 37 N87-21334 *
US-PATENT-APPL-SN-765979 ..... c 89 N86-22459 * #
US-PATENT-APPL-SN-765979 ..... c 89 N92-33012 * #
US-PATENT-APPL-SN-765980 ..... c 27 N86-27451 *
US-PATENT-APPL-SN-765981 ..... c 74 N87-28416 *
US-PATENT-APPL-SN-765991 ..... c 35 N86-26598 * #
US-PATENT-APPL-SN-766170 ..... c 07 N71-24625 *
US-PATENT-APPL-SN-766244 ..... c 15 N71-26721 *
US-PATENT-APPL-SN-766245 ..... c 14 N71-27215 *
US-PATENT-APPL-SN-766593 ..... c 44 N93-28974 *
US-PATENT-APPL-SN-766597 ..... c 31 N93-18857 *
US-PATENT-APPL-SN-766609 ..... c 31 N93-29611 *
US-PATENT-APPL-SN-766697 ..... c 09 N71-33519 *
US-PATENT-APPL-SN-7668 ..... c 15 N71-26611 *
US-PATENT-APPL-SN-766999 ..... c 33 N80-23559 *
US-PATENT-APPL-SN-7669 ..... c 31 N72-18859 *
US-PATENT-APPL-SN-767741 ..... c 09 N72-27228 *
US-PATENT-APPL-SN-767911 ..... c 09 N78-31129 *
US-PATENT-APPL-SN-767912 ..... c 27 N79-14214 *
US-PATENT-APPL-SN-768094 ..... c 09 N93-11057 *
US-PATENT-APPL-SN-768336 ..... c 15 N71-17648 *
US-PATENT-APPL-SN-768470 ..... c 09 N71-28421 *
US-PATENT-APPL-SN-768473 ..... c 14 N71-17657 *
US-PATENT-APPL-SN-768662 ..... c 07 N73-25160 *
US-PATENT-APPL-SN-768795 ..... c 33 N79-10339 *
US-PATENT-APPL-SN-768942 ..... c 46 N74-23068 *
US-PATENT-APPL-SN-76899 ..... c 09 N72-22201 *
US-PATENT-APPL-SN-769148 ..... c 52 N79-10724 *
US-PATENT-APPL-SN-769149 ..... c 33 N78-32339 *
US-PATENT-APPL-SN-769592 ..... c 15 N72-16330 *
US-PATENT-APPL-SN-769665 ..... c 15 N72-11387 *
US-PATENT-APPL-SN-769788 ..... c 07 N71-11300 *
US-PATENT-APPL-SN-770203 ..... c 05 N71-11195 *
US-PATENT-APPL-SN-770209 ..... c 08 N71-27057 *
US-PATENT-APPL-SN-770371 ..... c 15 N71-24599 *
US-PATENT-APPL-SN-770398 ..... c 06 N71-27254 *
US-PATENT-APPL-SN-770398 ..... c 06 N72-27144 *
US-PATENT-APPL-SN-770417 ..... c 06 N73-33076 *
US-PATENT-APPL-SN-770425 ..... c 06 N72-20121 *
US-PATENT-APPL-SN-770509 ..... c 37 N94-20365 *
US-PATENT-APPL-SN-770869 ..... c 44 N78-25527 *
US-PATENT-APPL-SN-770920 ..... c 37 N86-32736 * #
US-PATENT-APPL-SN-771216 ..... c 14 N72-17329 *
US-PATENT-APPL-SN-771245 ..... c 27 N81-14076 *
US-PATENT-APPL-SN-771523 ..... c 10 N71-18772 *
US-PATENT-APPL-SN-771530 ..... c 09 N72-12136 *
US-PATENT-APPL-SN-771537 ..... c 37 N87-23981 *
US-PATENT-APPL-SN-771537 ..... c 35 N91-21494 *
US-PATENT-APPL-SN-771538 ..... c 24 N86-25416 *
US-PATENT-APPL-SN-77169 ..... c 14 N72-21408 *
US-PATENT-APPL-SN-771759 ..... c 09 N71-29008 *
US-PATENT-APPL-SN-771760 ..... c 10 N71-25917 *
US-PATENT-APPL-SN-771803 ..... c 07 N71-12391 *
US-PATENT-APPL-SN-771937 ..... c 10 N71-24862 *
US-PATENT-APPL-SN-772006 ..... c 17 N71-33408 *
US-PATENT-APPL-SN-772165 ..... c 74 N79-13855 *
US-PATENT-APPL-SN-772167 ..... c 25 N79-22235 *
US-PATENT-APPL-SN-772168 ..... c 37 N79-20377 *
US-PATENT-APPL-SN-772181 ..... c 27 N94-35234 *
US-PATENT-APPL-SN-772200 ..... c 37 N92-23377 * #
US-PATENT-APPL-SN-77220 ..... c 14 N72-27409 *
US-PATENT-APPL-SN-77221 ..... c 08 N72-25210 *
US-PATENT-APPL-SN-772434 ..... c 52 N80-14687 *
US-PATENT-APPL-SN-77251 ..... c 25 N70-41628 *
US-PATENT-APPL-SN-77252 ..... c 02 N70-37939 *
US-PATENT-APPL-SN-77256 ..... c 15 N70-33323 *
US-PATENT-APPL-SN-772763 ..... c 31 N92-33612 *
US-PATENT-APPL-SN-773029 ..... c 09 N71-24893 *
US-PATENT-APPL-SN-773072 ..... c 10 N72-28241 *
US-PATENT-APPL-SN-773376 ..... c 33 N92-33021 *
US-PATENT-APPL-SN-773530 ..... c 25 N75-29192 *
US-PATENT-APPL-SN-774151 ..... c 15 N71-17692 *
US-PATENT-APPL-SN-774265 ..... c 10 N71-27365 *
US-PATENT-APPL-SN-774266 ..... c 15 N71-26185 *
US-PATENT-APPL-SN-774384 ..... c 32 N79-10262 *
US-PATENT-APPL-SN-774691 ..... c 10 N72-31273 *
US-PATENT-APPL-SN-774733 ..... c 14 N72-24477 *
US-PATENT-APPL-SN-775072 ..... c 16 N71-24831 *
US-PATENT-APPL-SN-775239 ..... c 37 N79-14382 *
US-PATENT-APPL-SN-775404 ..... c 54 N94-20194 *
US-PATENT-APPL-SN-775548 ..... c 33 N87-21233 *
US-PATENT-APPL-SN-775870 ..... c 09 N71-24800 *
US-PATENT-APPL-SN-775870 ..... c 09 N72-22196 *
US-PATENT-APPL-SN-775877 ..... c 02 N71-11039 *
US-PATENT-APPL-SN-775966 ..... c 02 N71-11037 *
US-PATENT-APPL-SN-775968 ..... c 31 N87-21160 *
US-PATENT-APPL-SN-775989 ..... c 71 N87-21653 *
US-PATENT-APPL-SN-775990 ..... c 17 N87-25348 *
US-PATENT-APPL-SN-776029 ..... c 07 N79-10057 *
US-PATENT-APPL-SN-776146 ..... c 44 N79-17313 *
US-PATENT-APPL-SN-776146 ..... c 25 N82-21268 *
US-PATENT-APPL-SN-776185 ..... c 03 N72-22041 *
US-PATENT-APPL-SN-776710 ..... c 47 N93-10108 *
US-PATENT-APPL-SN-777764 ..... c 15 N71-27214 *
US-PATENT-APPL-SN-777765 ..... c 15 N71-29018 *
US-PATENT-APPL-SN-777765 ..... c 14 N73-28487 *
US-PATENT-APPL-SN-777766 ..... c 31 N71-16221 *
US-PATENT-APPL-SN-777818 ..... c 09 N71-27364 *
US-PATENT-APPL-SN-77786 ..... c 14 N72-27412 *
US-PATENT-APPL-SN-777983 ..... c 32 N79-24210 *
US-PATENT-APPL-SN-778195 ..... c 24 N79-16915 *
US-PATENT-APPL-SN-77869 ..... c 37 N79-21345 *
US-PATENT-APPL-SN-779024 ..... c 10 N71-27271 *
US-PATENT-APPL-SN-779025 ..... c 09 N72-23171 *
US-PATENT-APPL-SN-779160 ..... c 14 N72-16282 *
US-PATENT-APPL-SN-779169 ..... c 09 N71-28618 *
US-PATENT-APPL-SN-779415 ..... c 60 N79-20751 *
US-PATENT-APPL-SN-779428 ..... c 34 N78-25351 *
US-PATENT-APPL-SN-779429 ..... c 08 N79-14108 *
US-PATENT-APPL-SN-779744 ..... c 74 N87-23259 *
US-PATENT-APPL-SN-779847 ..... c 15 N71-27091 *
US-PATENT-APPL-SN-779871 ..... c 33 N79-20314 *
US-PATENT-APPL-SN-779883 ..... c 27 N79-18052 *
US-PATENT-APPL-SN-780064 ..... c 15 N71-27372 *
US-PATENT-APPL-SN-780065 ..... c 12 N71-28741 *
US-PATENT-APPL-SN-780512 ..... c 37 N93-14702 *
US-PATENT-APPL-SN-780513 ..... c 74 N92-17863 * #
US-PATENT-APPL-SN-780569 ..... c 54 N78-31736 *
US-PATENT-APPL-SN-78065 ..... c 08 N72-22162 *
US-PATENT-APPL-SN-780728 ..... c 32 N78-31321 *
US-PATENT-APPL-SN-780729 ..... c 33 N79-22373 *
US-PATENT-APPL-SN-780873 ..... c 32 N81-27341 *
US-PATENT-APPL-SN-780874 ..... c 35 N78-28411 *
US-PATENT-APPL-SN-780938 ..... c 54 N80-10799 *
US-PATENT-APPL-SN-781520 ..... c 31 N93-13422 *
US-PATENT-APPL-SN-781521 ..... c 33 N93-18285 *
US-PATENT-APPL-SN-781625 ..... c 18 N92-24244 * #
US-PATENT-APPL-SN-781812 ..... c 36 N87-23960 *
US-PATENT-APPL-SN-781813 ..... c 27 N87-14516 *
US-PATENT-APPL-SN-782009 ..... c 36 N93-14703 *
US-PATENT-APPL-SN-782462 ..... c 33 N79-17133 *
US-PATENT-APPL-SN-782463 ..... c 72 N79-13826 *
US-PATENT-APPL-SN-782464 ..... c 32 N79-14267 *
US-PATENT-APPL-SN-782480 ..... c 33 N78-32340 *
US-PATENT-APPL-SN-782481 ..... c 44 N78-32542 *
US-PATENT-APPL-SN-782482 ..... c 33 N79-11315 *
US-PATENT-APPL-SN-782544 ..... c 14 N71-27325 *
US-PATENT-APPL-SN-782693 ..... c 33 N79-10337 *
US-PATENT-APPL-SN-782955 ..... c 07 N71-33108 *
US-PATENT-APPL-SN-782956 ..... c 10 N71-25865 *
US-PATENT-APPL-SN-783374 ..... c 15 N71-27147 *
US-PATENT-APPL-SN-783375 ..... c 07 N71-24621 *
US-PATENT-APPL-SN-783377 ..... c 05 N71-28619 *
US-PATENT-APPL-SN-783378 ..... c 07 N71-19436 *
US-PATENT-APPL-SN-783379 ..... c 15 N71-17653 *
US-PATENT-APPL-SN-783886 ..... c 37 N87-17035 *
US-PATENT-APPL-SN-783887 ..... c 36 N87-25567 *
US-PATENT-APPL-SN-783888 ..... c 37 N87-25582 *
US-PATENT-APPL-SN-783890 ..... c 74 N87-17493 *
US-PATENT-APPL-SN-783890 ..... c 74 N87-25843 *
US-PATENT-APPL-SN-784055 ..... c 15 N72-11390 *
US-PATENT-APPL-SN-784521 ..... c 14 N71-15620 *
US-PATENT-APPL-SN-784544 ..... c 15 N72-12408 *
US-PATENT-APPL-SN-785078 ..... c 03 N72-27053 *
US-PATENT-APPL-SN-785257 ..... c 44 N79-14526 *
US-PATENT-APPL-SN-785279 ..... c 27 N81-14077 *
US-PATENT-APPL-SN-785546 ..... c 10 N71-25882 *
US-PATENT-APPL-SN-785595 ..... c 10 N71-24861 *
US-PATENT-APPL-SN-785611 ..... c 15 N71-24600 *
US-PATENT-APPL-SN-785613 ..... c 05 N72-25119 *
US-PATENT-APPL-SN-785615 ..... c 05 N72-20098 *
US-PATENT-APPL-SN-785620 ..... c 21 N71-27324 *
US-PATENT-APPL-SN-785637 ..... c 37 N93-14871 *
US-PATENT-APPL-SN-785710 ..... c 05 N71-24730 *
US-PATENT-APPL-SN-785780 ..... c 18 N71-28729 *
US-PATENT-APPL-SN-786322 ..... c 32 N79-20296 *
US-PATENT-APPL-SN-786499 ..... c 63 N94-29465 *
US-PATENT-APPL-SN-786612 ..... c 29 N92-30083 * #
US-PATENT-APPL-SN-786612 ..... c 29 N93-24600 *
US-PATENT-APPL-SN-786618 ..... c 74 N94-20345 *
US-PATENT-APPL-SN-7867 ..... c 14 N72-17324 *
US-PATENT-APPL-SN-7868 ..... c 10 N72-17173 *
US-PATENT-APPL-SN-786913 ..... c 27 N79-12221 *
US-PATENT-APPL-SN-78703 ..... c 15 N73-20514 *
US-PATENT-APPL-SN-78704 ..... c 05 N72-25121 *
US-PATENT-APPL-SN-78717 ..... c 05 N73-13114 *
US-PATENT-APPL-SN-787393 ..... c 23 N71-26206 *
US-PATENT-APPL-SN-787410 ..... c 15 N71-19213 *
US-PATENT-APPL-SN-78766 ..... c 05 N74-10907 *
US-PATENT-APPL-SN-787846 ..... c 23 N71-33229 *
US-PATENT-APPL-SN-787906 ..... c 03 N71-26084 *
US-PATENT-APPL-SN-787911 ..... c 03 N71-28579 *
US-PATENT-APPL-SN-787993 ..... c 44 N92-23463 * #
US-PATENT-APPL-SN-787993 ..... c 44 N94-35540 * #
US-PATENT-APPL-SN-788045 ..... c 24 N79-25142 *
US-PATENT-APPL-SN-788403 ..... c 27 N94-23076 *
US-PATENT-APPL-SN-788705 ..... c 35 N78-24515 *
US-PATENT-APPL-SN-788908 ..... c 08 N93-25998 * #
US-PATENT-APPL-SN-789043 ..... c 10 N71-26531 *
US-PATENT-APPL-SN-789044 ..... c 14 N72-20381 *
US-PATENT-APPL-SN-789045 ..... c 15 N72-22489 *
US-PATENT-APPL-SN-789266 ..... c 71 N88-24241 *
US-PATENT-APPL-SN-789278 ..... c 15 N71-24694 *
US-PATENT-APPL-SN-789567 ..... c 63 N94-20360 *
US-PATENT-APPL-SN-789903 ..... c 07 N71-28429 *
US-PATENT-APPL-SN-790420 ..... c 09 N71-24595 *
US-PATENT-APPL-SN-790556 ..... c 08 N87-20999 *
US-PATENT-APPL-SN-790594 ..... c 36 N87-23961 *
US-PATENT-APPL-SN-790596 ..... c 35 N88-24927 *
US-PATENT-APPL-SN-790597 ..... c 37 N88-14359 *
US-PATENT-APPL-SN-790637 ..... c 44 N78-25529 *
US-PATENT-APPL-SN-790723 ..... c 32 N94-20368 *
US-PATENT-APPL-SN-790730 ..... c 27 N92-29953 * #
US-PATENT-APPL-SN-790730 ..... c 27 N94-23305 *
US-PATENT-APPL-SN-790731 ..... c 32 N92-31150 * #
US-PATENT-APPL-SN-791267 ..... c 23 N72-17747 *
US-PATENT-APPL-SN-791268 ..... c 33 N72-17947 *
US-PATENT-APPL-SN-791288 ..... c 28 N71-25213 *
US-PATENT-APPL-SN-791364 ..... c 14 N72-17328 *
US-PATENT-APPL-SN-791693 ..... c 05 N71-11203 *
US-PATENT-APPL-SN-791728 ..... c 37 N92-17677 * #
US-PATENT-APPL-SN-791759 ..... c 33 N93-18278 *
US-PATENT-APPL-SN-791888 ..... c 23 N71-24725 *
US-PATENT-APPL-SN-792067 ..... c 24 N78-17150 *
US-PATENT-APPL-SN-792068 ..... c 51 N79-10693 *
US-PATENT-APPL-SN-792069 ..... c 37 N79-10418 *
US-PATENT-APPL-SN-792501 ..... c 61 N92-30543 * #
US-PATENT-APPL-SN-792623 ..... c 14 N72-23457 *
US-PATENT-APPL-SN-793006 ..... c 52 N86-19885 * #
US-PATENT-APPL-SN-793657 ..... c 17 N72-28536 *
US-PATENT-APPL-SN-793770 ..... c 25 N71-15562 *
US-PATENT-APPL-SN-793771 ..... c 14 N72-22440 *
US-PATENT-APPL-SN-793772 ..... c 10 N71-18722 *
US-PATENT-APPL-SN-793823 ..... c 09 N71-33109 *
US-PATENT-APPL-SN-793974 ..... c 37 N94-20369 *
US-PATENT-APPL-SN-794530 ..... c 15 N72-11386 *
US-PATENT-APPL-SN-794968 ..... c 15 N71-27146 *
US-PATENT-APPL-SN-795182 ..... c 07 N71-24840 *
US-PATENT-APPL-SN-795217 ..... c 33 N71-25351 *
US-PATENT-APPL-SN-795805 ..... c 08 N88-23808 *
US-PATENT-APPL-SN-795945 ..... c 37 N87-25573 *
US-PATENT-APPL-SN-796053 ..... c 37 N87-22985 *
US-PATENT-APPL-SN-796256 ..... c 52 N80-18691 *
US-PATENT-APPL-SN-796258 ..... c 52 N82-22875 *
US-PATENT-APPL-SN-796263 ..... c 27 N79-28307 *
US-PATENT-APPL-SN-796358 ..... c 05 N72-11085 *
US-PATENT-APPL-SN-796360 ..... c 15 N71-24696 *
US-PATENT-APPL-SN-796370 ..... c 10 N71-27366 *
US-PATENT-APPL-SN-796405 ..... c 14 N71-27185 *
US-PATENT-APPL-SN-796496 ..... c 37 N93-18286 *
US-PATENT-APPL-SN-796685 ..... c 26 N72-28762 *
US-PATENT-APPL-SN-796690 ..... c 07 N72-21119 *
US-PATENT-APPL-SN-796691 ..... c 10 N71-26334 *
US-PATENT-APPL-SN-797056 ..... c 15 N71-25975 *
US-PATENT-APPL-SN-797057 ..... c 15 N70-22192 * #
US-PATENT-APPL-SN-797058 ..... c 05 N71-24738 *
US-PATENT-APPL-SN-797059 ..... c 15 N71-28465 *
US-PATENT-APPL-SN-797210 ..... c 28 N78-31255 *
US-PATENT-APPL-SN-797219 ..... c 03 N71-33409 *
US-PATENT-APPL-SN-797507 ..... c 39 N93-26102 *
US-PATENT-APPL-SN-797569 ..... c 74 N92-33022 *

S-PATENT-APPL-SN-946111 ..... c 37 N94-23078 *
S-PATENT-APPL-SN-946990 ..... c 28 N80-23471 *
S-PATENT-APPL-SN-946991 ..... c 31 N81-27324 *
S-PATENT-APPL-SN-946992 ..... c 45 N80-14579 *
S-PATENT-APPL-SN-946994 ..... c 44 N79-31753 *
S-PATENT-APPL-SN-947000 ..... c 28 N81-15119 *
S-PATENT-APPL-SN-947612 ..... c 37 N94-20126 *
S-PATENT-APPL-SN-948057 ..... c 08 N94-20556 *
S-PATENT-APPL-SN-94952 ..... c 14 N70-34158 *
S-PATENT-APPL-SN-949886 ..... c 33 N80-18285 *
S-PATENT-APPL-SN-950580 ..... c 27 N94-20377 *
S-PATENT-APPL-SN-950876 ..... c 37 N80-31790 *
S-PATENT-APPL-SN-950877 ..... c 52 N81-25660 *
S-PATENT-APPL-SN-951422 ..... c 51 N81-14605 *
S-PATENT-APPL-SN-951423 ..... c 48 N80-18667 *
S-PATENT-APPL-SN-951828 ..... c 37 N80-29703 *
S-PATENT-APPL-SN-951829 ..... c 33 N80-18287 *
S-PATENT-APPL-SN-951830 ..... c 28 N80-28536 *
S-PATENT-APPL-SN-95183 ..... c 08 N73-12175 *
S-PATENT-APPL-SN-95189 ..... c 74 N77-21941 *
S-PATENT-APPL-SN-953313 ..... c 32 N81-14187 *
S-PATENT-APPL-SN-953314 ..... c 37 N81-14319 *
S-PATENT-APPL-SN-953389 ..... c 74 N80-27185 *
S-PATENT-APPL-SN-953390 ..... c 74 N80-21138 *
S-PATENT-APPL-SN-953391 ..... c 72 N80-33186 *
S-PATENT-APPL-SN-953562 ..... c 31 N93-19038 * #
S-PATENT-APPL-SN-954109 ..... c 74 N94-35384 *
S-PATENT-APPL-SN-955512 ..... c 44 N94-35230 *
S-PATENT-APPL-SN-955801 ..... c 63 N94-29466 *
S-PATENT-APPL-SN-956160 ..... c 32 N80-18253 *
S-PATENT-APPL-SN-956161 ..... c 27 N79-11215 * #
S-PATENT-APPL-SN-956166 ..... c 33 N81-19393 *
S-PATENT-APPL-SN-956168 ..... c 27 N81-25209 *
S-PATENT-APPL-SN-956529 ..... c 35 N80-26635 *
S-PATENT-APPL-SN-956684 ..... c 37 N93-17272 * #
S-PATENT-APPL-SN-956685 ..... c 74 N93-17052 * #
S-PATENT-APPL-SN-957014 ..... c 35 N93-19493 * #
S-PATENT-APPL-SN-957127 ..... c 35 N93-29503 *
S-PATENT-APPL-SN-957128 ..... c 37 N93-26001 *
S-PATENT-APPL-SN-957452 ..... c 32 N80-24510 *
S-PATENT-APPL-SN-958573 ..... c 25 N80-20334 *
S-PATENT-APPL-SN-958575 ..... c 27 N80-24437 *
S-PATENT-APPL-SN-958843 ..... c 34 N94-20361 *
S-PATENT-APPL-SN-959858 ..... c 33 N94-29505 *
S-PATENT-APPL-SN-961293 ..... c 18 N94-23824 *
S-PATENT-APPL-SN-961831 ..... c 33 N81-25299 *
S-PATENT-APPL-SN-961832 ..... c 37 N81-24442 *
S-PATENT-APPL-SN-961833 ..... c 37 N82-21587 *
S-PATENT-APPL-SN-961943 ..... c 71 N93-17051 * #
S-PATENT-APPL-SN-963170 ..... c 74 N93-19052 * #
S-PATENT-APPL-SN-963348 ..... c 37 N93-17271 * #
S-PATENT-APPL-SN-963349 ..... c 51 N93-19054 * #
S-PATENT-APPL-SN-963974 ..... c 33 N93-17277 * #
S-PATENT-APPL-SN-964009 ..... c 02 N80-20224 *
S-PATENT-APPL-SN-964754 ..... c 33 N80-20487 *
S-PATENT-APPL-SN-964754 ..... c 44 N81-29524 *
S-PATENT-APPL-SN-965367 ..... c 33 N81-14221 *
S-PATENT-APPL-SN-965368 ..... c 74 N81-17888 *
S-PATENT-APPL-SN-967083 ..... c 63 N94-29504 *
S-PATENT-APPL-SN-968082 ..... c 24 N94-35372 * #
S-PATENT-APPL-SN-969755 ..... c 05 N81-19087 *
S-PATENT-APPL-SN-969756 ..... c 37 N81-14317 *
S-PATENT-APPL-SN-969757 ..... c 24 N84-16262 *
S-PATENT-APPL-SN-969759 ..... c 25 N82-11144 *
S-PATENT-APPL-SN-969760 ..... c 39 N81-25400 *
S-PATENT-APPL-SN-969761 ..... c 32 N82-12297 *
S-PATENT-APPL-SN-969762 ..... c 33 N82-29539 *
S-PATENT-APPL-SN-969868 ..... c 63 N93-17276 * #
S-PATENT-APPL-SN-969869 ..... c 38 N93-17048 * #
S-PATENT-APPL-SN-970669 ..... c 26 N94-29507 *
S-PATENT-APPL-SN-970755 ..... c 27 N94-29555 *
S-PATENT-APPL-SN-971035 ..... c 74 N94-20240 *
S-PATENT-APPL-SN-971116 ..... c 54 N93-17088 * #
S-PATENT-APPL-SN-97112 ..... c 21 N70-34539 *
S-PATENT-APPL-SN-971473 ..... c 23 N81-29160 *
S-PATENT-APPL-SN-971474 ..... c 20 N82-18314 *
S-PATENT-APPL-SN-971475 ..... c 27 N81-24257 *
S-PATENT-APPL-SN-971596 ..... c 27 N80-32516 *
S-PATENT-APPL-SN-972252 ..... c 35 N81-33448 *
S-PATENT-APPL-SN-97343 ..... c 10 N72-27246 *
S-PATENT-APPL-SN-973505 ..... c 76 N93-17413 * #
S-PATENT-APPL-SN-974292 ..... c 26 N80-23419 *
S-PATENT-APPL-SN-974471 ..... c 32 N81-14185 *
S-PATENT-APPL-SN-974472 ..... c 37 N81-15363 *
S-PATENT-APPL-SN-974473 ..... c 60 N81-27814 *
S-PATENT-APPL-SN-974474 ..... c 25 N81-19242 *
S-PATENT-APPL-SN-974475 ..... c 33 N81-17349 *
S-PATENT-APPL-SN-974476 ..... c 52 N81-14613 *
S-PATENT-APPL-SN-97472 ..... c 14 N73-28487 *
S-PATENT-APPL-SN-977302 ..... c 74 N93-28135 * #
S-PATENT-APPL-SN-977468 ..... c 37 N93-17057 * #
S-PATENT-APPL-SN-97829 ..... c 06 N73-13129 *
S-PATENT-APPL-SN-979987 ..... c 63 N94-15704 * #
S-PATENT-APPL-SN-982350 ..... c 23 N93-17412 * #
S-PATENT-APPL-SN-982535 ..... c 27 N94-20529 *
S-PATENT-APPL-SN-98517 ..... c 09 N72-25250 *

US-PATENT-APPL-SN-986399 ..... c 24 N93-20040 * #
US-PATENT-APPL-SN-98640 ..... c 09 N72-25253 *
US-PATENT-APPL-SN-986632 ..... c 37 N94-23969 *
US-PATENT-APPL-SN-98772 ..... c 08 N73-12176 *
US-PATENT-APPL-SN-98773 ..... c 15 N72-22486 *
US-PATENT-APPL-SN-98774 ..... c 14 N73-19419 *
US-PATENT-APPL-SN-98798 ..... c 09 N73-13209 *
US-PATENT-APPL-SN-988077 ..... c 35 N93-19328 * #
US-PATENT-APPL-SN-988082 ..... c 36 N93-19373 * #
US-PATENT-APPL-SN-988084 ..... c 39 N93-19329 * #
US-PATENT-APPL-SN-991003 ..... c 25 N94-35255 *
US-PATENT-APPL-SN-991403 ..... c 35 N94-35383 *
US-PATENT-APPL-SN-99174 ..... c 14 N72-33377 *
US-PATENT-APPL-SN-99175 ..... c 09 N72-25258 *
US-PATENT-APPL-SN-99198 ..... c 31 N73-32749 *
US-PATENT-APPL-SN-99201 ..... c 15 N73-25512 *
US-PATENT-APPL-SN-99201 ..... c 37 N74-20063 *
US-PATENT-APPL-SN-993477 ..... c 37 N94-35374 *
US-PATENT-APPL-SN-993743 ..... c 27 N93-19332 * #
US-PATENT-APPL-SN-994593 ..... c 74 N93-19374 * #
US-PATENT-APPL-SN-99524 ..... c 06 N72-27144 *
US-PATENT-APPL-SN-995612 ..... c 25 N94-35229 *
US-PATENT-APPL-SN-996263 ..... c 51 N94-35366 *
US-PATENT-APPL-SN-996763 ..... c 18 N93-20042 * #
US-PATENT-APPL-SN-997265 ..... c 31 N94-35445 *
US-PATENT-APPL-SN-998062 ..... c 37 N94-10674 *
US-PATENT-APPL-SN-99901 ..... c 37 N74-10474 *
US-PATENT-APPL-SN-99903 ..... c 11 N73-12265 *
US-PATENT-APPL-SN-999794 ..... c 32 N93-28955 * #
US-PATENT-APPL-156-241 ..... c 31 N92-33020 *
US-PATENT-APPL-156-285 ..... c 31 N92-33020 *
US-PATENT-APPL-156-293 ..... c 31 N92-33020 *
US-PATENT-APPL-264-272.15 ..... c 31 N92-33020 *
US-PATENT-APPL-29-856 ..... c 31 N92-33020 *
US-PATENT-CASE-165-104.25 ..... c 34 N87-28867 *
US-PATENT-CASE-165-104.26 ..... c 34 N87-28867 *
US-PATENT-CASE-165-13 ..... c 34 N87-28867 *
US-PATENT-CASE-165-1 ..... c 34 N87-28867 *
US-PATENT-CASE-165-32 ..... c 34 N87-28867 *
US-PATENT-CASE-165-41 ..... c 34 N87-28867 *
US-PATENT-CASE-179-146-R ..... c 05 N83-27975 *
US-PATENT-CASE-179-179 ..... c 05 N83-27975 *
US-PATENT-CASE-244-121 ..... c 05 N83-19737 *
US-PATENT-CASE-244-129.4 ..... c 05 N83-19737 *
US-PATENT-CASE-292-254 ..... c 05 N83-19737 *
US-PATENT-CASE-356-129 ..... c 36 N83-29680 *
US-PATENT-CASE-367-906 ..... c 05 N83-27975 *
US-PATENT-CASE-368-10 ..... c 35 N83-29651 *
US-PATENT-CASE-368-118 ..... c 35 N83-29651 *
US-PATENT-CASE-368-119 ..... c 35 N83-29651 *
US-PATENT-CASE-368-120 ..... c 35 N83-29651 *
US-PATENT-CASE-368-6 ..... c 35 N83-29651 *
US-PATENT-CASE-368-9 ..... c 35 N83-29651 *
US-PATENT-CLAS-165-27 ..... c 34 N83-34221 *
US-PATENT-CLAS-361-90 ..... c 33 N83-34190 *
US-PATENT-CLASS-DIG.4 ..... c 37 N91-21543 *
US-PATENT-CLASS-D12-76 ..... c 05 N75-25914 *
US-PATENT-CLASS-D71-1 ..... c 05 N74-10907 *
US-PATENT-CLASS-073-601 ..... c 26 N90-21170 *
US-PATENT-CLASS-100-299 ..... c 15 N72-20446 *
US-PATENT-CLASS-100-8 ..... c 33 N74-17928 *
US-PATENT-CLASS-101-395 ..... c 35 N84-22930 *
US-PATENT-CLASS-101-407BP .. c 37 N84-12491 *
US-PATENT-CLASS-102-101 ..... c 28 N71-26779 *
US-PATENT-CLASS-102-103 ..... c 20 N78-32179 *
US-PATENT-CLASS-102-105 ..... c 33 N72-17947 *
US-PATENT-CLASS-102-105 ..... c 33 N72-25911 *
US-PATENT-CLASS-102-105 ..... c 33 N73-25952 *
US-PATENT-CLASS-102-105 ..... c 27 N74-27037 *
US-PATENT-CLASS-102-105 ..... c 24 N79-25142 *
US-PATENT-CLASS-102-200 ..... c 25 N91-32196 *
US-PATENT-CLASS-102-202.14 .. c 28 N93-18274 *
US-PATENT-CLASS-102-21.6 ..... c 46 N79-22679 *
US-PATENT-CLASS-102-262 ..... c 03 N91-15142 *
US-PATENT-CLASS-102-275.11 .. c 28 N93-18274 *
US-PATENT-CLASS-102-28EB .... c 28 N74-27425 *
US-PATENT-CLASS-102-28R ..... c 28 N79-11231 *
US-PATENT-CLASS-102-289 ..... c 27 N82-24339 *
US-PATENT-CLASS-102-34.4 ..... c 07 N72-25171 *
US-PATENT-CLASS-102-378 ..... c 01 N83-35992 *
US-PATENT-CLASS-102-378 ..... c 37 N90-21390 *
US-PATENT-CLASS-102-378 ..... c 37 N91-32498 *
US-PATENT-CLASS-102-39 ..... c 20 N78-24275 *
US-PATENT-CLASS-102-49.3 ..... c 20 N77-17143 *
US-PATENT-CLASS-102-49.5 ..... c 31 N71-15687 *
US-PATENT-CLASS-102-49.5 ..... c 15 N71-22874 *
US-PATENT-CLASS-102-49.5 ..... c 31 N71-23008 *
US-PATENT-CLASS-102-49.5 ..... c 31 N73-14853 *
US-PATENT-CLASS-102-49.7 ..... c 28 N73-24784 *
US-PATENT-CLASS-102-49.7 ..... c 20 N78-24275 *

US-PATENT-CLASS-102-49.8 ..... c 28 N73-24784 *
US-PATENT-CLASS-102-49 ..... c 33 N70-36846 *
US-PATENT-CLASS-102-49 ..... c 28 N70-38181 *
US-PATENT-CLASS-102-49 ..... c 03 N70-39930 *
US-PATENT-CLASS-102-49 ..... c 15 N70-41679 *
US-PATENT-CLASS-102-49 ..... c 28 N70-41967 *
US-PATENT-CLASS-102-49 ..... c 31 N71-10582 *
US-PATENT-CLASS-102-49 ..... c 15 N71-13789 *
US-PATENT-CLASS-102-49 ..... c 31 N71-15692 *
US-PATENT-CLASS-102-49 ..... c 31 N71-17730 *
US-PATENT-CLASS-102-504 ..... c 15 N82-24272 *
US-PATENT-CLASS-102-504 ..... c 37 N94-23822 *
US-PATENT-CLASS-102-50 ..... c 31 N71-24750 *
US-PATENT-CLASS-102-56R ..... c 02 N81-14968 *
US-PATENT-CLASS-102-70.2A ... c 28 N74-27425 *
US-PATENT-CLASS-102-70.2R ... c 19 N74-15089 *
US-PATENT-CLASS-102-70.2 ..... c 09 N71-18599 *
US-PATENT-CLASS-102-70-2R ... c 28 N74-27425 *
US-PATENT-CLASS-102-70R ..... c 20 N78-24275 *
US-PATENT-CLASS-102-90 ..... c 15 N74-27360 *
US-PATENT-CLASS-102-92.1 ..... c 02 N81-14968 *
US-PATENT-CLASS-102-95 ..... c 11 N73-32152 *
US-PATENT-CLASS-102-99 ..... c 28 N77-10213 *
US-PATENT-CLASS-103.5R ..... c 04 N73-27052 *
US-PATENT-CLASS-103-1 ..... c 26 N71-21824 *
US-PATENT-CLASS-103-37 ..... c 28 N71-14058 *
US-PATENT-CLASS-103-48 ..... c 15 N71-24042 *
US-PATENT-CLASS-104-DIG.4 .... c 44 N84-23019 *
US-PATENT-CLASS-104-138R .... c 85 N74-34672 *
US-PATENT-CLASS-104-139 ..... c 05 N71-28619 *
US-PATENT-CLASS-104-172.1 .... c 18 N88-26398 *
US-PATENT-CLASS-104-1 ..... c 05 N71-28619 *
US-PATENT-CLASS-104-23FS .... c 85 N74-34672 *
US-PATENT-CLASS-104-281 ..... c 37 N85-20337 *
US-PATENT-CLASS-104-282 ..... c 37 N83-32067 *
US-PATENT-CLASS-104-284 ..... c 37 N85-20337 *
US-PATENT-CLASS-104-290 ..... c 37 N83-32067 *
US-PATENT-CLASS-104-35 ..... c 18 N88-26398 *
US-PATENT-CLASS-104-49 ..... c 18 N88-26398 *
US-PATENT-CLASS-104-83 ..... c 37 N82-21587 *
US-PATENT-CLASS-105-1A ..... c 37 N82-21587 *
US-PATENT-CLASS-105-124 ..... c 37 N91-32514 *
US-PATENT-CLASS-105-141 ..... c 37 N91-32514 *
US-PATENT-CLASS-105-142 ..... c 37 N91-32514 *
US-PATENT-CLASS-105-161 ..... c 43 N79-26439 *
US-PATENT-CLASS-105-171 ..... c 37 N82-21587 *
US-PATENT-CLASS-105-180 ..... c 37 N82-21587 *
US-PATENT-CLASS-105-2R ..... c 85 N82-33288 *
US-PATENT-CLASS-105-218R .... c 37 N82-21587 *
US-PATENT-CLASS-105-87 ..... c 37 N91-32514 *
US-PATENT-CLASS-106-1.2 ..... c 44 N79-31752 *
US-PATENT-CLASS-106-13 ..... c 23 N75-14834 *
US-PATENT-CLASS-106-15FP .... c 27 N74-27037 *
US-PATENT-CLASS-106-15FP .... c 27 N76-24405 *
US-PATENT-CLASS-106-15FP .... c 24 N78-15180 *
US-PATENT-CLASS-106-15R ..... c 23 N75-14834 *
US-PATENT-CLASS-106-15 ..... c 18 N71-14014 *
US-PATENT-CLASS-106-15 ..... c 18 N71-15469 *
US-PATENT-CLASS-106-18.16 .... c 27 N82-16238 *
US-PATENT-CLASS-106-18.24 .... c 27 N82-16238 *
US-PATENT-CLASS-106-197 ..... c 25 N82-29370 *
US-PATENT-CLASS-106-1 ..... c 44 N79-31752 *
US-PATENT-CLASS-106-209 ..... c 05 N72-25120 *
US-PATENT-CLASS-106-286 ..... c 18 N72-22566 *
US-PATENT-CLASS-106-287SB .. c 23 N75-14834 *
US-PATENT-CLASS-106-288B .... c 18 N72-22566 *
US-PATENT-CLASS-106-292 ..... c 18 N72-17532 *
US-PATENT-CLASS-106-292 ..... c 27 N77-30237 *
US-PATENT-CLASS-106-296 ..... c 18 N71-26772 *
US-PATENT-CLASS-106-296 ..... c 27 N77-30237 *
US-PATENT-CLASS-106-296 ..... c 24 N79-14156 *
US-PATENT-CLASS-106-299 ..... c 18 N72-17532 *
US-PATENT-CLASS-106-299 ..... c 27 N77-30237 *
US-PATENT-CLASS-106-306 ..... c 24 N76-24363 *
US-PATENT-CLASS-106-39.5 ..... c 27 N78-19302 *
US-PATENT-CLASS-106-39R ..... c 18 N73-14584 *
US-PATENT-CLASS-106-39 ..... c 26 N72-28762 *
US-PATENT-CLASS-106-40 ..... c 18 N71-22998 *
US-PATENT-CLASS-106-43 ..... c 27 N78-17206 *
US-PATENT-CLASS-106-43 ..... c 37 N81-25371 *
US-PATENT-CLASS-106-46 ..... c 26 N72-28762 *
US-PATENT-CLASS-106-48 ..... c 27 N75-27160 *
US-PATENT-CLASS-106-48 ..... c 27 N78-32260 *
US-PATENT-CLASS-106-50 ..... c 27 N82-29452 *
US-PATENT-CLASS-106-50 ..... c 27 N82-29454 *
US-PATENT-CLASS-106-50 ..... c 27 N82-29455 *
US-PATENT-CLASS-106-52 ..... c 37 N74-21063 *
US-PATENT-CLASS-106-52 ..... c 27 N82-29451 *
US-PATENT-CLASS-106-52 ..... c 27 N82-29452 *
US-PATENT-CLASS-106-52 ..... c 27 N82-29454 *
US-PATENT-CLASS-106-52 ..... c 27 N82-29455 *
US-PATENT-CLASS-106-54 ..... c 27 N75-27160 *
US-PATENT-CLASS-106-54 ..... c 27 N76-22377 *
US-PATENT-CLASS-106-54 ..... c 27 N76-23426 *
US-PATENT-CLASS-106-54 ..... c 27 N78-32260 *
US-PATENT-CLASS-106-54 ..... c 27 N82-29452 *

US-PATENT-CLASS-106-54 ..... c 27 N82-29454 *
US-PATENT-CLASS-106-55 ..... c 18 N73-14584 *
US-PATENT-CLASS-106-58 ..... c 18 N73-14584 *
US-PATENT-CLASS-106-63 ..... c 18 N73-14584 *
US-PATENT-CLASS-106-65 ..... c 27 N78-19302 *
US-PATENT-CLASS-106-73.5 ..... c 27 N78-19302 *
US-PATENT-CLASS-106-74 ..... c 18 N69-39979 * #
US-PATENT-CLASS-106-74 ..... c 24 N79-31347 *
US-PATENT-CLASS-106-84 ..... c 18 N71-24183 *
US-PATENT-CLASS-106-84 ..... c 18 N71-24184 *
US-PATENT-CLASS-106-84 ..... c 18 N72-22566 *
US-PATENT-CLASS-106-84 ..... c 18 N72-23581 *
US-PATENT-CLASS-106-84 ..... c 24 N79-14156 *
US-PATENT-CLASS-106-84 ..... c 24 N79-31347 *
US-PATENT-CLASS-106-88 ..... c 18 N71-16124 *
US-PATENT-CLASS-108-136 ..... c 09 N75-12968 *
US-PATENT-CLASS-108-3 ..... c 54 N88-24163 *
US-PATENT-CLASS-108-3 ..... c 09 N94-23310 *
US-PATENT-CLASS-108-59 ..... c 09 N94-23310 *
US-PATENT-CLASS-108-7 ..... c 54 N88-24163 *
US-PATENT-CLASS-109-49.5 ..... c 31 N81-19343 *
US-PATENT-CLASS-109-58.5 ..... c 31 N81-19343 *
US-PATENT-CLASS-110-165R .... c 31 N91-15423 *
US-PATENT-CLASS-110-171 ..... c 31 N91-15423 *
US-PATENT-CLASS-110-186 ..... c 25 N84-16276 *
US-PATENT-CLASS-110-218 ..... c 31 N81-15154 *
US-PATENT-CLASS-110-229 ..... c 31 N81-15154 *
US-PATENT-CLASS-110-232 ..... c 31 N81-15154 *
US-PATENT-CLASS-110-234 ..... c 25 N82-11144 *
US-PATENT-CLASS-110-245 ..... c 25 N82-11144 *
US-PATENT-CLASS-110-255 ..... c 25 N82-11144 *
US-PATENT-CLASS-110-259 ..... c 31 N91-15423 *
US-PATENT-CLASS-110-262 ..... c 25 N84-16276 *
US-PATENT-CLASS-110-263 ..... c 25 N84-16276 *
US-PATENT-CLASS-110-265 ..... c 25 N84-16276 *
US-PATENT-CLASS-110-266 ..... c 25 N82-11144 *
US-PATENT-CLASS-110-343 ..... c 31 N81-15154 *
US-PATENT-CLASS-110-347 ..... c 31 N81-15154 *
US-PATENT-CLASS-112-402 ..... c 18 N71-26285 *
US-PATENT-CLASS-112-415 ..... c 24 N94-29509 *
US-PATENT-CLASS-112-420 ..... c 24 N94-29509 *
US-PATENT-CLASS-112-440 ..... c 24 N91-31236 *
US-PATENT-CLASS-112-440 ..... c 24 N94-29509 *
US-PATENT-CLASS-113-116 ..... c 15 N71-15597 *
US-PATENT-CLASS-114-112 ..... c 18 N90-19278 *
US-PATENT-CLASS-114-122 ..... c 02 N73-26006 *
US-PATENT-CLASS-114-122 ..... c 34 N91-25380 *
US-PATENT-CLASS-114-125 ..... c 34 N91-25380 *
US-PATENT-CLASS-114-16.6 ..... c 37 N76-22540 *
US-PATENT-CLASS-114-201R .... c 18 N90-19278 *
US-PATENT-CLASS-114-227 ..... c 18 N94-23824 *
US-PATENT-CLASS-114-66.5 ..... c 12 N70-33305 *
US-PATENT-CLASS-114-67A ..... c 34 N91-14562 *
US-PATENT-CLASS-114-67R ..... c 02 N88-14071 *
US-PATENT-CLASS-115-103.5 .... c 51 N75-13502 *
US-PATENT-CLASS-116-DIG.43 . c 02 N89-12551 *
US-PATENT-CLASS-116-114.5 .... c 35 N75-25122 *
US-PATENT-CLASS-116-114AH .. c 14 N72-25411 *
US-PATENT-CLASS-116-114AH .. c 35 N75-33367 *
US-PATENT-CLASS-116-117 ..... c 14 N70-42074 *
US-PATENT-CLASS-116-201 ..... c 02 N92-21588 *
US-PATENT-CLASS-116-207 ..... c 02 N92-21588 *
US-PATENT-CLASS-116-265 ..... c 02 N89-12551 *
US-PATENT-CLASS-116-70 ..... c 35 N93-29503 *
US-PATENT-CLASS-117-104 ..... c 18 N71-26100 *
US-PATENT-CLASS-117-105.2 .... c 37 N74-11301 *
US-PATENT-CLASS-117-105.2 .... c 24 N75-33181 *
US-PATENT-CLASS-117-105.5 .... c 15 N73-32360 *
US-PATENT-CLASS-117-105 ..... c 15 N73-32360 *
US-PATENT-CLASS-117-106A .... c 70 N74-13436 *
US-PATENT-CLASS-117-106A .... c 37 N75-15992 *
US-PATENT-CLASS-117-106A .... c 25 N75-26043 *
US-PATENT-CLASS-117-106 ..... c 33 N71-14032 *
US-PATENT-CLASS-117-107.2 .... c 25 N75-26043 *
US-PATENT-CLASS-117-107 ..... c 15 N72-25447 *
US-PATENT-CLASS-117-107 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-119 ..... c 18 N71-16105 *
US-PATENT-CLASS-117-119 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-124C .... c 15 N72-25452 *
US-PATENT-CLASS-117-124F .... c 23 N75-14834 *
US-PATENT-CLASS-117-126GM . c 37 N75-26371 *
US-PATENT-CLASS-117-126GR . c 27 N74-23125 *
US-PATENT-CLASS-117-126R .... c 37 N75-26371 *
US-PATENT-CLASS-117-129 ..... c 37 N74-21063 *
US-PATENT-CLASS-117-129 ..... c 27 N75-27160 *
US-PATENT-CLASS-117-130R .... c 15 N73-32360 *
US-PATENT-CLASS-117-132B .... c 27 N74-23125 *
US-PATENT-CLASS-117-132 ..... c 06 N72-25150 *
US-PATENT-CLASS-117-135.5 .... c 23 N75-14834 *
US-PATENT-CLASS-117-138.8R . c 15 N73-32360 *
US-PATENT-CLASS-117-151 ..... c 15 N73-32360 *
US-PATENT-CLASS-117-152 ..... c 15 N72-25452 *
US-PATENT-CLASS-117-16R ..... c 15 N72-25452 *
US-PATENT-CLASS-117-160R .... c 15 N73-32360 *
US-PATENT-CLASS-117-161P .... c 06 N73-27980 *
US-PATENT-CLASS-117-161UA .. c 25 N75-12087 *
US-PATENT-CLASS-117-161UN . c 06 N73-27980 *
US-PATENT-CLASS-117-161UN . c 27 N74-23125 *
US-PATENT-CLASS-117-161UN . c 25 N75-12087 *
US-PATENT-CLASS-117-161UZ .. c 25 N75-12087 *
US-PATENT-CLASS-117-161 ..... c 06 N72-25150 *
US-PATENT-CLASS-117-2R ..... c 32 N74-27612 *
US-PATENT-CLASS-117-200 ..... c 09 N72-25259 *
US-PATENT-CLASS-117-201 ..... c 15 N69-21460 * #
US-PATENT-CLASS-117-201 ..... c 18 N71-16046 *
US-PATENT-CLASS-117-201 ..... c 03 N72-24037 *
US-PATENT-CLASS-117-201 ..... c 25 N75-26043 *
US-PATENT-CLASS-117-211 ..... c 15 N72-25447 *
US-PATENT-CLASS-117-212 ..... c 09 N71-20705 *
US-PATENT-CLASS-117-212 ..... c 15 N71-29032 *
US-PATENT-CLASS-117-212 ..... c 26 N72-28762 *
US-PATENT-CLASS-117-217 ..... c 15 N72-25447 *
US-PATENT-CLASS-117-217 ..... c 26 N72-28762 *
US-PATENT-CLASS-117-21 ..... c 18 N69-39895 * #
US-PATENT-CLASS-117-224 ..... c 15 N71-28582 *
US-PATENT-CLASS-117-228 ..... c 06 N73-27980 *
US-PATENT-CLASS-117-234 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-235 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-237 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-239 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-240 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-33.3 ..... c 70 N74-13436 *
US-PATENT-CLASS-117-35R ..... c 06 N73-13128 *
US-PATENT-CLASS-117-35 ..... c 32 N79-19186 *
US-PATENT-CLASS-117-37 ..... c 15 N72-25452 *
US-PATENT-CLASS-117-38 ..... c 24 N75-33181 *
US-PATENT-CLASS-117-43 ..... c 31 N79-21227 *
US-PATENT-CLASS-117-45 ..... c 74 N74-20008 *
US-PATENT-CLASS-117-46FS .... c 24 N75-33181 *
US-PATENT-CLASS-117-46 ..... c 15 N71-16077 *
US-PATENT-CLASS-117-47R ..... c 15 N72-25452 *
US-PATENT-CLASS-117-50 ..... c 15 N71-15610 *
US-PATENT-CLASS-117-62 ..... c 15 N72-25447 *
US-PATENT-CLASS-117-62 ..... c 15 N72-25452 *
US-PATENT-CLASS-117-65.2 ..... c 18 N71-10772 *
US-PATENT-CLASS-117-66 ..... c 15 N73-32360 *
US-PATENT-CLASS-117-69 ..... c 18 N70-36400 *
US-PATENT-CLASS-117-69 ..... c 15 N71-16075 *
US-PATENT-CLASS-117-6 ..... c 14 N71-20461 *
US-PATENT-CLASS-117-6 ..... c 27 N81-15104 *
US-PATENT-CLASS-117-72 ..... c 35 N75-25122 *
US-PATENT-CLASS-117-8.5 ..... c 24 N75-33181 *
US-PATENT-CLASS-117-93.1GD c 25 N75-12087 *
US-PATENT-CLASS-117-93.16D . c 15 N72-25447 *
US-PATENT-CLASS-117-93.3 ..... c 15 N72-25452 *
US-PATENT-CLASS-117-93.3 ..... c 37 N75-15992 *
US-PATENT-CLASS-117-95 ..... c 24 N74-19769 *
US-PATENT-CLASS-117-95 ..... c 36 N75-15029 *
US-PATENT-CLASS-117-97 ..... c 36 N75-15029 *
US-PATENT-CLASS-118-DIG.5 ... c 24 N92-10070 *
US-PATENT-CLASS-118-11 ..... c 15 N71-17647 *
US-PATENT-CLASS-118-124 ..... c 24 N93-24597 *
US-PATENT-CLASS-118-125 ..... c 24 N93-24597 *
US-PATENT-CLASS-118-300 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-308 ..... c 17 N71-24911 *
US-PATENT-CLASS-118-308 ..... c 31 N93-26101 *
US-PATENT-CLASS-118-313 ..... c 51 N77-27677 *
US-PATENT-CLASS-118-320 ..... c 37 N82-24492 *
US-PATENT-CLASS-118-325 ..... c 31 N93-26101 *
US-PATENT-CLASS-118-405 ..... c 76 N91-15898 *
US-PATENT-CLASS-118-407 ..... c 76 N91-15898 *
US-PATENT-CLASS-118-416 ..... c 24 N92-16025 *
US-PATENT-CLASS-118-419 ..... c 76 N91-15898 *
US-PATENT-CLASS-118-423 ..... c 37 N82-12441 *
US-PATENT-CLASS-118-428 ..... c 76 N91-15898 *
US-PATENT-CLASS-118-43 ..... c 25 N75-29192 *
US-PATENT-CLASS-118-48 ..... c 25 N75-26043 *
US-PATENT-CLASS-118-49.1 ..... c 15 N72-32487 *
US-PATENT-CLASS-118-49.1 ..... c 31 N75-12161 *
US-PATENT-CLASS-118-49.1 ..... c 25 N75-26043 *
US-PATENT-CLASS-118-49.5 ..... c 09 N71-26701 *
US-PATENT-CLASS-118-49 ..... c 25 N79-28253 *
US-PATENT-CLASS-118-50.1 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-50.1 ..... c 36 N84-22944 *
US-PATENT-CLASS-118-500 ..... c 37 N78-17383 *
US-PATENT-CLASS-118-500 ..... c 37 N82-12441 *
US-PATENT-CLASS-118-500 ..... c 37 N82-24492 *
US-PATENT-CLASS-118-500 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-500 ..... c 37 N94-20380 *
US-PATENT-CLASS-118-503 ..... c 37 N82-24492 *
US-PATENT-CLASS-118-505 ..... c 37 N82-24492 *
US-PATENT-CLASS-118-50 ..... c 37 N78-17383 *
US-PATENT-CLASS-118-50 ..... c 37 N81-33482 *
US-PATENT-CLASS-118-50 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-52 ..... c 37 N81-33482 *
US-PATENT-CLASS-118-57 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-624 ..... c 36 N84-22944 *
US-PATENT-CLASS-118-62 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-641 ..... c 36 N84-22944 *
US-PATENT-CLASS-118-6 ..... c 51 N77-27677 *
US-PATENT-CLASS-118-728 ..... c 37 N94-20380 *
US-PATENT-CLASS-118-730 ..... c 37 N94-20380 *
US-PATENT-CLASS-118-7 ..... c 51 N77-27677 *
US-PATENT-CLASS-118-9 ..... c 51 N77-27677 *
US-PATENT-CLASS-119-15 ..... c 11 N71-22875 *
US-PATENT-CLASS-119-17 ..... c 51 N81-32829 *
US-PATENT-CLASS-119-18 ..... c 51 N81-32829 *
US-PATENT-CLASS-119-29 ..... c 51 N78-27733 *
US-PATENT-CLASS-119-51.11 .... c 35 N78-19466 *
US-PATENT-CLASS-119-51.13 .... c 51 N74-15778 *
US-PATENT-CLASS-119-51.5 ..... c 51 N74-15778 *
US-PATENT-CLASS-119-51R ..... c 51 N74-15778 *
US-PATENT-CLASS-119-52AF .... c 51 N74-15778 *
US-PATENT-CLASS-119-54 ..... c 51 N74-15778 *
US-PATENT-CLASS-119-72.5 ..... c 35 N78-19466 *
US-PATENT-CLASS-119-96 ..... c 05 N71-28619 *
US-PATENT-CLASS-121-38 ..... c 15 N70-35409 *
US-PATENT-CLASS-121-38 ..... c 02 N71-29128 *
US-PATENT-CLASS-122-32 ..... c 33 N72-20915 *
US-PATENT-CLASS-122-366 ..... c 34 N85-29180 *
US-PATENT-CLASS-122-366 ..... c 34 N86-27593 *
US-PATENT-CLASS-122-366 ..... c 34 N88-29133 *
US-PATENT-CLASS-122-366 ..... c 34 N89-14392 *
US-PATENT-CLASS-122-366 ..... c 27 N90-23541 *
US-PATENT-CLASS-122-366 ..... c 31 N90-23587 *
US-PATENT-CLASS-122-4D ..... c 25 N82-11144 *
US-PATENT-CLASS-123-DIG.12 . c 37 N76-18457 *
US-PATENT-CLASS-123-DIG.12 . c 44 N78-33526 *
US-PATENT-CLASS-123-DIG.12 . c 28 N80-10374 *
US-PATENT-CLASS-123-DIG.8 .... c 37 N77-31497 *
US-PATENT-CLASS-123-1A ..... c 44 N76-29700 *
US-PATENT-CLASS-123-1A ..... c 44 N78-33526 *
US-PATENT-CLASS-123-102 ..... c 11 N72-20244 *
US-PATENT-CLASS-123-119A .... c 37 N77-31497 *
US-PATENT-CLASS-123-119E .... c 37 N76-18457 *
US-PATENT-CLASS-123-120 ..... c 37 N76-18457 *
US-PATENT-CLASS-123-121 ..... c 37 N76-18457 *
US-PATENT-CLASS-123-122AB .. c 28 N72-22772 *
US-PATENT-CLASS-123-122AB .. c 37 N77-31497 *
US-PATENT-CLASS-123-122E ..... c 07 N77-23106 *
US-PATENT-CLASS-123-122E ..... c 37 N78-10467 *
US-PATENT-CLASS-123-148CB .. c 33 N77-28385 *
US-PATENT-CLASS-123-148DC .. c 37 N79-11405 *
US-PATENT-CLASS-123-148E ..... c 33 N77-28385 *
US-PATENT-CLASS-123-148E ..... c 37 N79-11405 *
US-PATENT-CLASS-123-179R .... c 28 N80-10374 *
US-PATENT-CLASS-123-193-P ... c 37 N88-23981 *
US-PATENT-CLASS-123-193P ..... c 37 N90-22042 *
US-PATENT-CLASS-123-197R .... c 37 N83-36483 *
US-PATENT-CLASS-123-37 ..... c 37 N77-31497 *
US-PATENT-CLASS-123-3 ..... c 44 N76-18642 *
US-PATENT-CLASS-123-3 ..... c 44 N76-29700 *
US-PATENT-CLASS-123-3 ..... c 44 N77-10636 *
US-PATENT-CLASS-123-3 ..... c 37 N77-31497 *
US-PATENT-CLASS-123-3 ..... c 44 N78-33526 *
US-PATENT-CLASS-123-3 ..... c 28 N80-10374 *
US-PATENT-CLASS-123-41.33 .... c 07 N77-23106 *
US-PATENT-CLASS-123-41.33 .... c 37 N78-10467 *
US-PATENT-CLASS-123-59E ..... c 37 N77-31497 *
US-PATENT-CLASS-123-78E ..... c 37 N83-36483 *
US-PATENT-CLASS-123-89A ..... c 37 N76-18457 *
US-PATENT-CLASS-124-11R ..... c 75 N76-17951 *
US-PATENT-CLASS-124-1 ..... c 75 N76-17951 *
US-PATENT-CLASS-124-3 ..... c 14 N92-15081 *
US-PATENT-CLASS-124-56 ..... c 18 N86-20469 *
US-PATENT-CLASS-124-6 ..... c 09 N77-19076 *
US-PATENT-CLASS-125-13R ..... c 37 N85-21650 *
US-PATENT-CLASS-125-15 ..... c 37 N85-21650 *
US-PATENT-CLASS-125-1 ..... c 46 N74-23069 *
US-PATENT-CLASS-125-20 ..... c 31 N83-27058 *
US-PATENT-CLASS-125-21 ..... c 37 N80-29703 *
US-PATENT-CLASS-125-23R ..... c 76 N80-18951 *
US-PATENT-CLASS-125-23R ..... c 37 N82-32730 *
US-PATENT-CLASS-125-3 ..... c 46 N74-23069 *
US-PATENT-CLASS-126-DIG.1 .... c 44 N85-30474 *
US-PATENT-CLASS-126-263 ..... c 44 N77-32581 *
US-PATENT-CLASS-126-263 ..... c 44 N78-17460 *
US-PATENT-CLASS-126-263 ..... c 44 N80-20808 *
US-PATENT-CLASS-126-263 ..... c 35 N85-29214 *
US-PATENT-CLASS-126-270 ..... c 09 N70-40234 *
US-PATENT-CLASS-126-270 ..... c 03 N70-41580 *
US-PATENT-CLASS-126-270 ..... c 34 N74-23039 *
US-PATENT-CLASS-126-270 ..... c 44 N76-14595 *
US-PATENT-CLASS-126-270 ..... c 44 N76-23675 *
US-PATENT-CLASS-126-270 ..... c 44 N76-24696 *
US-PATENT-CLASS-126-270 ..... c 35 N77-20401 *
US-PATENT-CLASS-126-270 ..... c 44 N77-32582 *
US-PATENT-CLASS-126-270 ..... c 44 N78-15560 *
US-PATENT-CLASS-126-270 ..... c 44 N78-19599 *
US-PATENT-CLASS-126-270 ..... c 44 N78-31526 *
US-PATENT-CLASS-126-270 ..... c 44 N79-11471 *
US-PATENT-CLASS-126-270 ..... c 44 N79-14526 *
US-PATENT-CLASS-126-270 ..... c 44 N79-23481 *
US-PATENT-CLASS-126-270 ..... c 44 N79-24432 *
US-PATENT-CLASS-126-271 ..... c 44 N75-32581 *
US-PATENT-CLASS-126-271 ..... c 44 N76-14602 *
US-PATENT-CLASS-126-271 ..... c 44 N76-22657 *
US-PATENT-CLASS-126-271 ..... c 44 N76-24696 *

S-PATENT-CLASS-126-271 ..... c 35 N77-20401 *
S-PATENT-CLASS-126-271 ..... c 44 N77-32582 *
S-PATENT-CLASS-126-271 ..... c 44 N78-10554 *
S-PATENT-CLASS-126-271 ..... c 44 N78-17460 *
S-PATENT-CLASS-126-271 ..... c 44 N78-31525 *
S-PATENT-CLASS-126-271 ..... c 44 N78-31526 *
S-PATENT-CLASS-126-271 ..... c 44 N79-11471 *
S-PATENT-CLASS-126-271 ..... c 44 N79-14526 *
S-PATENT-CLASS-126-271 ..... c 44 N79-14529 *
S-PATENT-CLASS-126-271 ..... c 44 N79-18443 *
S-PATENT-CLASS-126-271 ..... c 44 N79-23481 *
S-PATENT-CLASS-126-271 ..... c 44 N79-24433 *
S-PATENT-CLASS-126-400 ..... c 44 N78-15560 *
S-PATENT-CLASS-126-400 ..... c 44 N79-24433 *
S-PATENT-CLASS-126-400 ..... c 44 N85-30474 *
S-PATENT-CLASS-126-415 ..... c 44 N84-34792 *
S-PATENT-CLASS-126-415 ..... c 44 N85-30474 *
S-PATENT-CLASS-126-417 ..... c 44 N80-16452 *
S-PATENT-CLASS-126-417 ..... c 34 N84-22903 *
S-PATENT-CLASS-126-418 ..... c 44 N84-28204 *
S-PATENT-CLASS-126-418 ..... c 44 N86-27706 *
S-PATENT-CLASS-126-419 ..... c 44 N80-20810 *
S-PATENT-CLASS-126-419 ..... c 44 N81-17518 *
S-PATENT-CLASS-126-419 ..... c 44 N84-28203 *
S-PATENT-CLASS-126-419 ..... c 44 N85-30474 *
S-PATENT-CLASS-126-419 ..... c 44 N86-27706 *
S-PATENT-CLASS-126-422 ..... c 44 N82-18686 *
S-PATENT-CLASS-126-423 ..... c 34 N88-23958 *
S-PATENT-CLASS-126-425 ..... c 44 N88-14492 *
S-PATENT-CLASS-126-429 ..... c 44 N82-18686 *
S-PATENT-CLASS-126-430 ..... c 44 N82-18686 *
S-PATENT-CLASS-126-433 ..... c 44 N92-29143 *
S-PATENT-CLASS-126-434 ..... c 44 N80-20810 *
S-PATENT-CLASS-126-436 ..... c 44 N92-29143 *
S-PATENT-CLASS-126-437 ..... c 44 N80-20810 *
S-PATENT-CLASS-126-438 ..... c 44 N80-14473 *
S-PATENT-CLASS-126-438 ..... c 44 N82-18475 *
S-PATENT-CLASS-126-438 ..... c 44 N84-28203 *
S-PATENT-CLASS-126-438 ..... c 44 N84-28204 *
S-PATENT-CLASS-126-438 ..... c 44 N86-27706 *
S-PATENT-CLASS-126-440 ..... c 44 N84-28204 *
S-PATENT-CLASS-126-442 ..... c 44 N80-14473 *
S-PATENT-CLASS-126-443 ..... c 35 N89-12048 *
S-PATENT-CLASS-126-451 ..... c 44 N84-28203 *
S-PATENT-CLASS-126-900 ..... c 44 N85-30474 *
S-PATENT-CLASS-126-901 ..... c 44 N80-16452 *
S-PATENT-CLASS-126-901 ..... c 44 N83-34449 *
S-PATENT-CLASS-126-901 ..... c 35 N89-12048 *
S-PATENT-CLASS-126-91A ..... c 25 N79-11151 *
S-PATENT-CLASS-127-1 ..... c 25 N93-22036 *
S-PATENT-CLASS-127-2 ..... c 25 N93-22036 *
S-PATENT-CLASS-127-37 ..... c 25 N93-22036 *
S-PATENT-CLASS-128.2.06E .... c 05 N75-24716 *
S-PATENT-CLASS-128.2.07 ..... c 52 N79-21750 *
S-PATENT-CLASS-128-DIG.12 . c 37 N77-28487 *
S-PATENT-CLASS-128-DIG.12 . c 51 N81-14605 *
S-PATENT-CLASS-128-DIG.13 . c 52 N83-27577 *
S-PATENT-CLASS-128-DIG.16 . c 51 N81-14605 *
S-PATENT-CLASS-128-DIG.20 . c 52 N76-19785 *
S-PATENT-CLASS-128-DIG.20 . c 37 N81-17433 *
S-PATENT-CLASS-128-DIG.25 . c 52 N81-25660 *
S-PATENT-CLASS-128-DIG.25 . c 52 N84-11744 *
S-PATENT-CLASS-128-DIG.26 . c 51 N81-14605 *
S-PATENT-CLASS-128-DIG.4 .... c 05 N72-27103 *
S-PATENT-CLASS-128-DIG.4 .... c 05 N75-24716 *
S-PATENT-CLASS-128-DIG.4 .... c 35 N76-24525 *
S-PATENT-CLASS-128-DIG.4 .... c 52 N77-28717 *
S-PATENT-CLASS-128-DIG.6 .... c 51 N81-14605 *
S-PATENT-CLASS-128-DIG.9 .... c 52 N80-16725 *
S-PATENT-CLASS-128-DIG.9 .... c 51 N81-14605 *
S-PATENT-CLASS-128-1.2 ..... c 52 N82-22875 *
S-PATENT-CLASS-128-1A ..... c 05 N73-32012 *
S-PATENT-CLASS-128-1A ..... c 54 N84-16803 *
S-PATENT-CLASS-128-1R ..... c 52 N77-25772 *
S-PATENT-CLASS-128-1R ..... c 52 N77-28716 *
S-PATENT-CLASS-128-1R ..... c 52 N81-25660 *
S-PATENT-CLASS-128-1R ..... c 52 N84-11744 *
S-PATENT-CLASS-128-142.2 .... c 54 N76-24900 *
S-PATENT-CLASS-128-142.5 .... c 05 N71-11190 *
S-PATENT-CLASS-128-142.5 .... c 05 N71-11203 *
S-PATENT-CLASS-128-142.5 .... c 05 N71-17599 *
S-PATENT-CLASS-128-142.5 .... c 05 N72-20096 *
S-PATENT-CLASS-128-142.5 .... c 05 N73-25125 *
S-PATENT-CLASS-128-142.7 .... c 54 N78-32721 *
S-PATENT-CLASS-128-142R .... c 54 N80-10799 *
S-PATENT-CLASS-128-145.8 .... c 54 N75-27761 *
S-PATENT-CLASS-128-15R ..... c 54 N84-16803 *
S-PATENT-CLASS-128-191R .... c 25 N74-12813 *
S-PATENT-CLASS-128-191R .... c 54 N80-10799 *
S-PATENT-CLASS-128-1 ..... c 05 N70-41819 *
S-PATENT-CLASS-128-1 ..... c 05 N71-20268 *
S-PATENT-CLASS-128-2.05A ... c 52 N74-26626 *
S-PATENT-CLASS-128-2.05A ... c 54 N75-13531 *
S-PATENT-CLASS-128-2.05E .... c 52 N74-27566 *
S-PATENT-CLASS-128-2.05E .... c 52 N76-29896 *
S-PATENT-CLASS-128-2.05F .... c 14 N73-32326 *
US-PATENT-CLASS-128-2.05P .... c 54 N75-13531 *
US-PATENT-CLASS-128-2.05R ... c 05 N73-27941 *
US-PATENT-CLASS-128-2.05R ... c 52 N76-29895 *
US-PATENT-CLASS-128-2.05R ... c 52 N79-10724 *
US-PATENT-CLASS-128-2.05S .... c 52 N74-26626 *
US-PATENT-CLASS-128-2.05T .... c 52 N74-12778 *
US-PATENT-CLASS-128-2.05V .... c 35 N76-24525 *
US-PATENT-CLASS-128-2.05Z .... c 54 N75-27760 *
US-PATENT-CLASS-128-2.05Z .... c 52 N79-18580 *
US-PATENT-CLASS-128-2.05 ..... c 05 N70-41329 *
US-PATENT-CLASS-128-2.05 ..... c 04 N71-23185 *
US-PATENT-CLASS-128-2.05 ..... c 05 N71-27234 *
US-PATENT-CLASS-128-2.06B ... c 05 N75-24716 *
US-PATENT-CLASS-128-2.06E .... c 52 N76-29896 *
US-PATENT-CLASS-128-2.06F .... c 52 N74-12778 *
US-PATENT-CLASS-128-2.06R ... c 05 N73-27941 *
US-PATENT-CLASS-128-2.06R ... c 52 N76-14757 *
US-PATENT-CLASS-128-2.06 ..... c 05 N69-21925 * #
US-PATENT-CLASS-128-2.06 ..... c 05 N71-22896 *
US-PATENT-CLASS-128-2.06 ..... c 09 N71-24618 *
US-PATENT-CLASS-128-2.06 ..... c 05 N71-26293 *
US-PATENT-CLASS-128-2.07 ..... c 05 N73-32015 *
US-PATENT-CLASS-128-2.07 ..... c 52 N74-20728 *
US-PATENT-CLASS-128-2.08 ..... c 05 N69-21473 * #
US-PATENT-CLASS-128-2.08 ..... c 05 N73-32015 *
US-PATENT-CLASS-128-2.08 ..... c 52 N74-20728 *
US-PATENT-CLASS-128-2.1A ..... c 09 N72-17153 *
US-PATENT-CLASS-128-2.1A ..... c 09 N72-22202 *
US-PATENT-CLASS-128-2.1A ..... c 52 N74-26625 *
US-PATENT-CLASS-128-2.1A ..... c 52 N76-14757 *
US-PATENT-CLASS-128-2.1A ..... c 52 N76-29894 *
US-PATENT-CLASS-128-2.1A ..... c 52 N79-18580 *
US-PATENT-CLASS-128-2.1E ..... c 05 N72-27103 *
US-PATENT-CLASS-128-2.1E ..... c 35 N76-24525 *
US-PATENT-CLASS-128-2.1E ..... c 52 N77-28717 *
US-PATENT-CLASS-128-2.1R ..... c 05 N73-26072 *
US-PATENT-CLASS-128-2.1Z ..... c 35 N76-24525 *
US-PATENT-CLASS-128-2.1 ..... c 05 N71-11193 *
US-PATENT-CLASS-128-2.1 ..... c 05 N71-12346 *
US-PATENT-CLASS-128-2.1 ..... c 05 N71-24729 *
US-PATENT-CLASS-128-2.1 ..... c 09 N71-26002 *
US-PATENT-CLASS-128-2.1 ..... c 05 N72-25120 *
US-PATENT-CLASS-128-2F ..... c 54 N76-14804 *
US-PATENT-CLASS-128-2H ..... c 52 N76-14757 *
US-PATENT-CLASS-128-2H ..... c 52 N76-29894 *
US-PATENT-CLASS-128-2H ..... c 52 N77-10780 *
US-PATENT-CLASS-128-2H ..... c 52 N77-14736 *
US-PATENT-CLASS-128-2N ..... c 05 N72-25122 *
US-PATENT-CLASS-128-2N ..... c 05 N73-13114 *
US-PATENT-CLASS-128-2P ..... c 52 N76-29894 *
US-PATENT-CLASS-128-2R ..... c 09 N72-22202 *
US-PATENT-CLASS-128-2R ..... c 52 N79-12694 *
US-PATENT-CLASS-128-2S ..... c 52 N74-10975 *
US-PATENT-CLASS-128-2S ..... c 52 N74-27864 *
US-PATENT-CLASS-128-2S ..... c 33 N75-31329 *
US-PATENT-CLASS-128-2S ..... c 33 N76-19338 *
US-PATENT-CLASS-128-2S ..... c 52 N76-29895 *
US-PATENT-CLASS-128-2S ..... c 52 N76-29896 *
US-PATENT-CLASS-128-2V ..... c 52 N74-20726 *
US-PATENT-CLASS-128-2V ..... c 35 N75-12271 *
US-PATENT-CLASS-128-2V ..... c 54 N75-27760 *
US-PATENT-CLASS-128-2V ..... c 52 N79-14751 *
US-PATENT-CLASS-128-2V ..... c 52 N79-18580 *
US-PATENT-CLASS-128-202.11 .. c 54 N86-28618 *
US-PATENT-CLASS-128-203 ..... c 54 N76-24900 *
US-PATENT-CLASS-128-204.18 .. c 51 N81-14605 *
US-PATENT-CLASS-128-206F .... c 14 N73-24473 *
US-PATENT-CLASS-128-207.14 .. c 51 N81-14605 *
US-PATENT-CLASS-128-207.28 .. c 51 N81-14605 *
US-PATENT-CLASS-128-212 ..... c 54 N80-10799 *
US-PATENT-CLASS-128-214D .... c 52 N79-14749 *
US-PATENT-CLASS-128-214E .... c 52 N74-22771 *
US-PATENT-CLASS-128-214F .... c 37 N77-28487 *
US-PATENT-CLASS-128-230 ..... c 52 N75-33640 *
US-PATENT-CLASS-128-236 ..... c 51 N81-14605 *
US-PATENT-CLASS-128-24-A .... c 52 N84-34913 *
US-PATENT-CLASS-128-24A ..... c 05 N73-27062 *
US-PATENT-CLASS-128-24A ..... c 54 N75-27760 *
US-PATENT-CLASS-128-24 ..... c 05 N71-24738 *
US-PATENT-CLASS-128-25R ..... c 37 N74-18127 *
US-PATENT-CLASS-128-25 ..... c 05 N71-24738 *
US-PATENT-CLASS-128-26 ..... c 52 N76-19785 *
US-PATENT-CLASS-128-272 ..... c 15 N71-24835 *
US-PATENT-CLASS-128-272 ..... c 52 N79-14749 *
US-PATENT-CLASS-128-275 ..... c 15 N71-24835 *
US-PATENT-CLASS-128-275 ..... c 52 N81-29763 *
US-PATENT-CLASS-128-276 ..... c 52 N80-14684 *
US-PATENT-CLASS-128-276 ..... c 52 N80-18690 *
US-PATENT-CLASS-128-280 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-283 ..... c 05 N69-23192 * #
US-PATENT-CLASS-128-283 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-284 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-285 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-288 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-291 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-295 ..... c 05 N72-22093 *
US-PATENT-CLASS-128-295 ..... c 52 N81-24711 *
US-PATENT-CLASS-128-295 ..... c 52 N81-28740 *
US-PATENT-CLASS-128-296 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-29 ..... c 05 N70-39922 *
US-PATENT-CLASS-128-2 ..... c 05 N73-27062 *
US-PATENT-CLASS-128-303B .... c 52 N83-25346 *
US-PATENT-CLASS-128-303R .... c 52 N77-28716 *
US-PATENT-CLASS-128-305 ..... c 05 N73-27062 *
US-PATENT-CLASS-128-305 ..... c 52 N75-33640 *
US-PATENT-CLASS-128-305 ..... c 52 N78-14773 *
US-PATENT-CLASS-128-325 ..... c 52 N84-28388 *
US-PATENT-CLASS-128-327 ..... c 52 N82-11770 *
US-PATENT-CLASS-128-328 ..... c 52 N84-34913 *
US-PATENT-CLASS-128-329R .... c 52 N79-27836 *
US-PATENT-CLASS-128-346 ..... c 52 N81-25660 *
US-PATENT-CLASS-128-346 ..... c 52 N84-11744 *
US-PATENT-CLASS-128-346 ..... c 52 N84-28388 *
US-PATENT-CLASS-128-348 ..... c 52 N80-16725 *
US-PATENT-CLASS-128-379 ..... c 52 N77-14736 *
US-PATENT-CLASS-128-38 ..... c 54 N84-16803 *
US-PATENT-CLASS-128-400 ..... c 52 N77-14736 *
US-PATENT-CLASS-128-402 ..... c 05 N72-20096 *
US-PATENT-CLASS-128-402 ..... c 52 N77-14736 *
US-PATENT-CLASS-128-410 ..... c 52 N77-28717 *
US-PATENT-CLASS-128-417 ..... c 05 N72-25120 *
US-PATENT-CLASS-128-417 ..... c 05 N72-27103 *
US-PATENT-CLASS-128-418 ..... c 52 N76-29896 *
US-PATENT-CLASS-128-418 ..... c 52 N77-14738 *
US-PATENT-CLASS-128-419P .... c 52 N76-29896 *
US-PATENT-CLASS-128-421 ..... c 52 N82-29863 *
US-PATENT-CLASS-128-422 ..... c 52 N82-33996 *
US-PATENT-CLASS-128-62A ..... c 52 N82-29862 *
US-PATENT-CLASS-128-639 ..... c 52 N79-27836 *
US-PATENT-CLASS-128-642 ..... c 52 N80-27072 *
US-PATENT-CLASS-128-642 ..... c 52 N81-14612 *
US-PATENT-CLASS-128-642 ..... c 52 N81-20703 *
US-PATENT-CLASS-128-660.06 .. c 71 N91-27914 *
US-PATENT-CLASS-128-660 ..... c 52 N79-26771 *
US-PATENT-CLASS-128-660 ..... c 52 N83-27578 *
US-PATENT-CLASS-128-660 ..... c 52 N85-30618 *
US-PATENT-CLASS-128-661.03 .. c 52 N90-21519 *
US-PATENT-CLASS-128-661.03 .. c 52 N92-11621 *
US-PATENT-CLASS-128-663 ..... c 52 N83-27578 *
US-PATENT-CLASS-128-665 ..... c 52 N81-27783 *
US-PATENT-CLASS-128-666 ..... c 52 N80-23969 *
US-PATENT-CLASS-128-671 ..... c 52 N91-14709 *
US-PATENT-CLASS-128-675 ..... c 35 N90-23706 *
US-PATENT-CLASS-128-686 ..... c 52 N82-11770 *
US-PATENT-CLASS-128-689 ..... c 52 N91-14709 *
US-PATENT-CLASS-128-690 ..... c 52 N80-23969 *
US-PATENT-CLASS-128-691 ..... c 52 N82-11770 *
US-PATENT-CLASS-128-6 ..... c 52 N80-16725 *
US-PATENT-CLASS-128-706 ..... c 52 N91-14709 *
US-PATENT-CLASS-128-715 ..... c 35 N92-33016 *
US-PATENT-CLASS-128-716 ..... c 52 N91-14709 *
US-PATENT-CLASS-128-736 ..... c 52 N85-30618 *
US-PATENT-CLASS-128-748 ..... c 52 N80-18691 *
US-PATENT-CLASS-128-748 ..... c 35 N90-23706 *
US-PATENT-CLASS-128-760 ..... c 52 N80-18690 *
US-PATENT-CLASS-128-760 ..... c 52 N81-29763 *
US-PATENT-CLASS-128-761 ..... c 52 N81-24711 *
US-PATENT-CLASS-128-774 ..... c 52 N80-27072 *
US-PATENT-CLASS-128-774 ..... c 52 N81-20703 *
US-PATENT-CLASS-128-774 ..... c 52 N83-25346 *
US-PATENT-CLASS-128-775 ..... c 35 N92-33016 *
US-PATENT-CLASS-128-778 ..... c 52 N82-22875 *
US-PATENT-CLASS-128-778 ..... c 35 N90-23706 *
US-PATENT-CLASS-128-782 ..... c 52 N80-27072 *
US-PATENT-CLASS-128-782 ..... c 39 N83-20280 *
US-PATENT-CLASS-128-782 ..... c 52 N83-25346 *
US-PATENT-CLASS-128-784 ..... c 52 N82-33996 *
US-PATENT-CLASS-128-80-E ..... c 54 N86-22112 *
US-PATENT-CLASS-128-80F ..... c 52 N81-25661 *
US-PATENT-CLASS-128-804 ..... c 52 N82-33996 *
US-PATENT-CLASS-128-89R ..... c 52 N81-25662 *
US-PATENT-CLASS-128-903 ..... c 52 N80-18691 *
US-PATENT-CLASS-128-92C ..... c 27 N78-17215 *
US-PATENT-CLASS-128-92G ..... c 27 N78-17215 *
US-PATENT-CLASS-129-16.7 ..... c 08 N71-15908 *
US-PATENT-CLASS-13-20 ..... c 11 N72-23215 *
US-PATENT-CLASS-13-20 ..... c 12 N79-26075 *
US-PATENT-CLASS-13-22 ..... c 12 N79-26075 *
US-PATENT-CLASS-13-24 ..... c 12 N79-26075 *
US-PATENT-CLASS-13-26 ..... c 33 N71-15625 *
US-PATENT-CLASS-13-26 ..... c 14 N71-23267 *
US-PATENT-CLASS-13-31 ..... c 11 N72-23215 *
US-PATENT-CLASS-13-31 ..... c 31 N74-27900 *
US-PATENT-CLASS-13-35 ..... c 33 N71-24145 *
US-PATENT-CLASS-134-137 ..... c 37 N82-12441 *
US-PATENT-CLASS-134-166C .... c 37 N87-17035 *
US-PATENT-CLASS-134-17 ..... c 43 N81-26509 *
US-PATENT-CLASS-134-21 ..... c 37 N76-18456 *
US-PATENT-CLASS-134-37 ..... c 37 N76-18456 *
US-PATENT-CLASS-134-37 ..... c 37 N85-21652 *
US-PATENT-CLASS-134-93 ..... c 37 N87-17035 *
US-PATENT-CLASS-135-1 ..... c 32 N70-36536 *

US-PATENT-CLASS-135-903 ..... c 37 N87-17036 *
US-PATENT-CLASS-136-100R .... c 03 N72-20034 *
US-PATENT-CLASS-136-114 ..... c 44 N76-14601 *
US-PATENT-CLASS-136-132 ..... c 03 N71-11053 *
US-PATENT-CLASS-136-132 ..... c 03 N71-22974 *
US-PATENT-CLASS-136-133 ..... c 15 N69-24320 * #
US-PATENT-CLASS-136-133 ..... c 03 N71-23006 *
US-PATENT-CLASS-136-133 ..... c 03 N72-15986 *
US-PATENT-CLASS-136-135 ..... c 03 N72-15986 *
US-PATENT-CLASS-136-143 ..... c 44 N76-29699 *
US-PATENT-CLASS-136-146 ..... c 03 N69-21337 * #
US-PATENT-CLASS-136-146 ..... c 24 N76-14204 *
US-PATENT-CLASS-136-148 ..... c 24 N76-14204 *
US-PATENT-CLASS-136-148 ..... c 44 N82-24645 *
US-PATENT-CLASS-136-162 ..... c 44 N76-14601 *
US-PATENT-CLASS-136-166 ..... c 03 N71-23336 *
US-PATENT-CLASS-136-166 ..... c 03 N72-20032 *
US-PATENT-CLASS-136-170 ..... c 03 N71-11051 *
US-PATENT-CLASS-136-175 ..... c 03 N72-20034 *
US-PATENT-CLASS-136-179 ..... c 03 N70-41664 *
US-PATENT-CLASS-136-182 ..... c 03 N71-10728 *
US-PATENT-CLASS-136-182 ..... c 03 N71-20407 *
US-PATENT-CLASS-136-182 ..... c 03 N71-20491 *
US-PATENT-CLASS-136-182 ..... c 44 N74-27519 *
US-PATENT-CLASS-136-182 ..... c 44 N76-14601 *
US-PATENT-CLASS-136-200 ..... c 35 N91-31608 *
US-PATENT-CLASS-136-202 ..... c 09 N72-12136 *
US-PATENT-CLASS-136-202 ..... c 03 N72-26031 *
US-PATENT-CLASS-136-202 ..... c 44 N76-16612 *
US-PATENT-CLASS-136-202 ..... c 35 N77-32454 *
US-PATENT-CLASS-136-202 ..... c 35 N79-14346 *
US-PATENT-CLASS-136-202 ..... c 44 N92-16457 *
US-PATENT-CLASS-136-204 ..... c 31 N91-27385 *
US-PATENT-CLASS-136-205 ..... c 44 N92-16457 *
US-PATENT-CLASS-136-206 ..... c 03 N72-11062 *
US-PATENT-CLASS-136-206 ..... c 09 N72-12136 *
US-PATENT-CLASS-136-206 ..... c 44 N76-14595 *
US-PATENT-CLASS-136-206 ..... c 44 N76-31666 *
US-PATENT-CLASS-136-20 ..... c 44 N74-19693 *
US-PATENT-CLASS-136-210 ..... c 44 N76-16612 *
US-PATENT-CLASS-136-211 ..... c 35 N76-15434 *
US-PATENT-CLASS-136-212 ..... c 35 N76-15434 *
US-PATENT-CLASS-136-213 ..... c 14 N69-27459 * #
US-PATENT-CLASS-136-213 ..... c 34 N74-27861 *
US-PATENT-CLASS-136-224 ..... c 14 N73-12447 *
US-PATENT-CLASS-136-225 ..... c 14 N73-24472 *
US-PATENT-CLASS-136-225 ..... c 35 N76-15434 *
US-PATENT-CLASS-136-225 ..... c 44 N85-21768 *
US-PATENT-CLASS-136-227 ..... c 09 N72-12136 *
US-PATENT-CLASS-136-228 ..... c 33 N71-15568 *
US-PATENT-CLASS-136-230 ..... c 14 N71-23039 *
US-PATENT-CLASS-136-230 ..... c 34 N74-27861 *
US-PATENT-CLASS-136-232 ..... c 35 N77-14409 *
US-PATENT-CLASS-136-233 ..... c 14 N72-27410 *
US-PATENT-CLASS-136-233 ..... c 14 N73-13417 *
US-PATENT-CLASS-136-233 ..... c 34 N74-27861 *
US-PATENT-CLASS-136-233 ..... c 35 N77-14409 *
US-PATENT-CLASS-136-236.1 .... c 35 N94-23826 *
US-PATENT-CLASS-136-236R .... c 35 N77-32454 *
US-PATENT-CLASS-136-236 ..... c 35 N79-14346 *
US-PATENT-CLASS-136-240 ..... c 35 N77-32454 *
US-PATENT-CLASS-136-241 ..... c 35 N94-23826 *
US-PATENT-CLASS-136-244 ..... c 44 N91-27614 *
US-PATENT-CLASS-136-245 ..... c 54 N92-21589 *
US-PATENT-CLASS-136-245 ..... c 44 N94-20196 *
US-PATENT-CLASS-136-246 ..... c 44 N85-21768 *
US-PATENT-CLASS-136-246 ..... c 54 N92-21589 *
US-PATENT-CLASS-136-249 ..... c 44 N81-12542 *
US-PATENT-CLASS-136-249 ..... c 44 N82-29709 *
US-PATENT-CLASS-136-249 ..... c 44 N82-31764 *
US-PATENT-CLASS-136-249 ..... c 44 N83-32177 *
US-PATENT-CLASS-136-249 ..... c 44 N87-17399 *
US-PATENT-CLASS-136-249 ..... c 33 N87-23879 *
US-PATENT-CLASS-136-249 ..... c 44 N91-27614 *
US-PATENT-CLASS-136-24 ..... c 09 N73-32108 *
US-PATENT-CLASS-136-252 ..... c 44 N94-35230 *
US-PATENT-CLASS-136-253 ..... c 44 N85-34441 *
US-PATENT-CLASS-136-253 ..... c 44 N92-22037 *
US-PATENT-CLASS-136-255 ..... c 44 N81-29525 *
US-PATENT-CLASS-136-255 ..... c 44 N83-14692 *
US-PATENT-CLASS-136-255 ..... c 33 N85-21492 *
US-PATENT-CLASS-136-255 ..... c 44 N85-30475 *
US-PATENT-CLASS-136-255 ..... c 76 N86-20150 *
US-PATENT-CLASS-136-255 ..... c 33 N87-23879 *
US-PATENT-CLASS-136-256 ..... c 44 N83-13579 *
US-PATENT-CLASS-136-256 ..... c 44 N83-14692 *
US-PATENT-CLASS-136-256 ..... c 44 N85-20530 *
US-PATENT-CLASS-136-256 ..... c 44 N85-30475 *
US-PATENT-CLASS-136-256 ..... c 44 N91-27614 *
US-PATENT-CLASS-136-256 ..... c 44 N94-35230 *
US-PATENT-CLASS-136-258 ..... c 44 N81-19558 *
US-PATENT-CLASS-136-258 ..... c 44 N81-29525 *
US-PATENT-CLASS-136-259 ..... c 44 N83-13579 *
US-PATENT-CLASS-136-259 ..... c 44 N83-14692 *
US-PATENT-CLASS-136-261 ..... c 44 N82-26777 *
US-PATENT-CLASS-136-261 ..... c 44 N85-30475 *
US-PATENT-CLASS-136-261 ..... c 44 N86-32875 *
US-PATENT-CLASS-136-262 ..... c 44 N81-29525 *
US-PATENT-CLASS-136-262 ..... c 76 N86-20150 *
US-PATENT-CLASS-136-28 ..... c 03 N71-10608 *
US-PATENT-CLASS-136-290 ..... c 44 N82-26777 *
US-PATENT-CLASS-136-291 ..... c 44 N81-12542 *
US-PATENT-CLASS-136-292 ..... c 44 N94-20196 *
US-PATENT-CLASS-136-293 ..... c 44 N94-35540 * #
US-PATENT-CLASS-136-30 ..... c 44 N74-19693 *
US-PATENT-CLASS-136-30 ..... c 44 N76-18643 *
US-PATENT-CLASS-136-30 ..... c 44 N76-29699 *
US-PATENT-CLASS-136-36 ..... c 44 N74-19692 *
US-PATENT-CLASS-136-6LF ..... c 44 N76-18643 *
US-PATENT-CLASS-136-6 ..... c 03 N71-26084 *
US-PATENT-CLASS-136-6 ..... c 03 N72-15986 *
US-PATENT-CLASS-136-6 ..... c 44 N82-24641 *
US-PATENT-CLASS-136-6 ..... c 44 N82-24642 *
US-PATENT-CLASS-136-6 ..... c 44 N82-24643 *
US-PATENT-CLASS-136-6 ..... c 44 N82-24644 *
US-PATENT-CLASS-136-79 ..... c 03 N72-20032 *
US-PATENT-CLASS-136-81 ..... c 03 N72-20032 *
US-PATENT-CLASS-136-83R ..... c 03 N72-20034 *
US-PATENT-CLASS-136-83R ..... c 44 N76-18641 *
US-PATENT-CLASS-136-83 ..... c 03 N71-28579 *
US-PATENT-CLASS-136-86A ..... c 44 N76-27664 *
US-PATENT-CLASS-136-86S ..... c 44 N76-18641 *
US-PATENT-CLASS-136-86 ..... c 03 N71-11052 *
US-PATENT-CLASS-136-86 ..... c 03 N71-20904 *
US-PATENT-CLASS-136-86 ..... c 15 N71-23022 *
US-PATENT-CLASS-136-86 ..... c 03 N71-29044 *
US-PATENT-CLASS-136-89AC .... c 44 N77-31601 *
US-PATENT-CLASS-136-89CA .... c 44 N79-25482 *
US-PATENT-CLASS-136-89CC .... c 44 N78-25527 *
US-PATENT-CLASS-136-89CC .... c 44 N78-25529 *
US-PATENT-CLASS-136-89CC .... c 44 N79-11467 *
US-PATENT-CLASS-136-89CC .... c 44 N79-17314 *
US-PATENT-CLASS-136-89CC .... c 44 N79-25482 *
US-PATENT-CLASS-136-89CC .... c 44 N79-31752 *
US-PATENT-CLASS-136-89H ..... c 44 N78-25528 *
US-PATENT-CLASS-136-89H ..... c 44 N78-25529 *
US-PATENT-CLASS-136-89PC .... c 44 N79-25482 *
US-PATENT-CLASS-136-89PC .... c 44 N79-31753 *
US-PATENT-CLASS-136-89P ..... c 44 N77-31601 *
US-PATENT-CLASS-136-89P ..... c 44 N78-25528 *
US-PATENT-CLASS-136-89P ..... c 44 N78-25529 *
US-PATENT-CLASS-136-89P ..... c 44 N78-27515 *
US-PATENT-CLASS-136-89P ..... c 44 N79-17314 *
US-PATENT-CLASS-136-89P ..... c 44 N80-14474 *
US-PATENT-CLASS-136-89SG .... c 44 N78-24609 *
US-PATENT-CLASS-136-89SG .... c 44 N80-24741 *
US-PATENT-CLASS-136-89SJ .... c 44 N78-13526 *
US-PATENT-CLASS-136-89SJ .... c 44 N79-11467 *
US-PATENT-CLASS-136-89SJ .... c 44 N79-14528 *
US-PATENT-CLASS-136-89SJ .... c 44 N79-25482 *
US-PATENT-CLASS-136-89 ..... c 03 N69-24267 * #
US-PATENT-CLASS-136-89 ..... c 03 N71-11049 *
US-PATENT-CLASS-136-89 ..... c 03 N71-11050 *
US-PATENT-CLASS-136-89 ..... c 03 N71-11056 *
US-PATENT-CLASS-136-89 ..... c 03 N71-18698 *
US-PATENT-CLASS-136-89 ..... c 03 N71-19545 *
US-PATENT-CLASS-136-89 ..... c 03 N71-20492 *
US-PATENT-CLASS-136-89 ..... c 03 N71-20895 *
US-PATENT-CLASS-136-89 ..... c 26 N71-23043 *
US-PATENT-CLASS-136-89 ..... c 03 N71-23187 *
US-PATENT-CLASS-136-89 ..... c 03 N71-23449 *
US-PATENT-CLASS-136-89 ..... c 03 N71-33409 *
US-PATENT-CLASS-136-89 ..... c 03 N72-20031 *
US-PATENT-CLASS-136-89 ..... c 03 N72-22042 *
US-PATENT-CLASS-136-89 ..... c 31 N72-22874 *
US-PATENT-CLASS-136-89 ..... c 03 N72-24037 *
US-PATENT-CLASS-136-89 ..... c 09 N72-25259 *
US-PATENT-CLASS-136-89 ..... c 03 N72-27053 *
US-PATENT-CLASS-136-89 ..... c 09 N73-32109 *
US-PATENT-CLASS-136-89 ..... c 44 N74-14784 *
US-PATENT-CLASS-136-89 ..... c 44 N76-14600 *
US-PATENT-CLASS-136-89 ..... c 44 N76-28635 *
US-PATENT-CLASS-136-89 ..... c 44 N76-31666 *
US-PATENT-CLASS-136-89 ..... c 44 N77-10635 *
US-PATENT-CLASS-136-89 ..... c 44 N77-14580 *
US-PATENT-CLASS-136-89 ..... c 44 N77-19571 *
US-PATENT-CLASS-136-89 ..... c 44 N79-11468 *
US-PATENT-CLASS-136-90 ..... c 44 N76-14601 *
US-PATENT-CLASS-137-DIG.9 .... c 54 N76-24900 *
US-PATENT-CLASS-137-101 ..... c 07 N77-23106 *
US-PATENT-CLASS-137-104 ..... c 37 N78-10467 *
US-PATENT-CLASS-137-110 ..... c 54 N76-24900 *
US-PATENT-CLASS-137-116.3 .... c 37 N85-34403 *
US-PATENT-CLASS-137-13 ..... c 15 N71-15967 *
US-PATENT-CLASS-137-13 ..... c 15 N72-33477 *
US-PATENT-CLASS-137-14 ..... c 37 N79-33468 *
US-PATENT-CLASS-137-15.1 ..... c 02 N74-20646 *
US-PATENT-CLASS-137-15.1 ..... c 07 N74-31270 *
US-PATENT-CLASS-137-15.1 ..... c 07 N75-24736 *
US-PATENT-CLASS-137-15.1 ..... c 07 N77-18154 *
US-PATENT-CLASS-137-15.1 ..... c 07 N79-14096 *
US-PATENT-CLASS-137-15.1 ..... c 05 N79-24976 *
US-PATENT-CLASS-137-15.1 ..... c 07 N81-14999 *
US-PATENT-CLASS-137-15.2 ..... c 02 N74-20646 *
US-PATENT-CLASS-137-15.2 ..... c 35 N76-14431 *
US-PATENT-CLASS-137-154 ..... c 15 N73-27406 *
US-PATENT-CLASS-137-154 ..... c 31 N90-20254 *
US-PATENT-CLASS-137-177 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-197 ..... c 15 N70-41646 *
US-PATENT-CLASS-137-197 ..... c 35 N78-12390 *
US-PATENT-CLASS-137-1 ..... c 12 N70-38997 *
US-PATENT-CLASS-137-1 ..... c 15 N73-27406 *
US-PATENT-CLASS-137-207 ..... c 34 N77-30399 *
US-PATENT-CLASS-137-209 ..... c 34 N77-30399 *
US-PATENT-CLASS-137-209 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-340 ..... c 15 N70-34817 *
US-PATENT-CLASS-137-340 ..... c 15 N70-35087 *
US-PATENT-CLASS-137-341 ..... c 12 N71-17661 *
US-PATENT-CLASS-137-375 ..... c 37 N80-23654 *
US-PATENT-CLASS-137-397 ..... c 15 N73-26472 *
US-PATENT-CLASS-137-469 ..... c 05 N72-20097 *
US-PATENT-CLASS-137-484.2 .... c 34 N78-25351 *
US-PATENT-CLASS-137-487.5 .... c 14 N73-13418 *
US-PATENT-CLASS-137-491 ..... c 15 N69-21924 * #
US-PATENT-CLASS-137-493 ..... c 52 N81-25660 *
US-PATENT-CLASS-137-495 ..... c 15 N70-38603 *
US-PATENT-CLASS-137-496 ..... c 15 N71-22706 *
US-PATENT-CLASS-137-501 ..... c 34 N78-25351 *
US-PATENT-CLASS-137-505.12 .. c 14 N71-18625 *
US-PATENT-CLASS-137-505.16 .. c 34 N78-25351 *
US-PATENT-CLASS-137-505.25 .. c 37 N78-25426 *
US-PATENT-CLASS-137-505.38 .. c 37 N75-15050 *
US-PATENT-CLASS-137-505.42 .. c 37 N75-15050 *
US-PATENT-CLASS-137-514.7 .... c 37 N94-10655 *
US-PATENT-CLASS-137-514.7 .... c 37 N94-10658 *
US-PATENT-CLASS-137-514 ..... c 37 N94-10658 *
US-PATENT-CLASS-137-515.3 .... c 37 N76-14463 *
US-PATENT-CLASS-137-516.27 .. c 15 N73-30459 *
US-PATENT-CLASS-137-516.29 .. c 37 N94-35661 *
US-PATENT-CLASS-137-528 ..... c 37 N94-35661 *
US-PATENT-CLASS-137-535 ..... c 15 N73-30459 *
US-PATENT-CLASS-137-535 ..... c 05 N73-32014 *
US-PATENT-CLASS-137-538 ..... c 05 N73-25125 *
US-PATENT-CLASS-137-539 ..... c 15 N70-41811 *
US-PATENT-CLASS-137-549 ..... c 37 N81-17433 *
US-PATENT-CLASS-137-550 ..... c 37 N76-14463 *
US-PATENT-CLASS-137-554 ..... c 09 N71-23191 *
US-PATENT-CLASS-137-554 ..... c 35 N93-29503 *
US-PATENT-CLASS-137-556 ..... c 34 N91-14563 *
US-PATENT-CLASS-137-557 ..... c 35 N93-29503 *
US-PATENT-CLASS-137-559 ..... c 11 N73-12265 *
US-PATENT-CLASS-137-574 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-576 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-582 ..... c 32 N71-16103 *
US-PATENT-CLASS-137-582 ..... c 32 N71-16106 *
US-PATENT-CLASS-137-582 ..... c 15 N71-19569 *
US-PATENT-CLASS-137-582 ..... c 15 N73-26472 *
US-PATENT-CLASS-137-590 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-594 ..... c 12 N71-18615 *
US-PATENT-CLASS-137-604 ..... c 15 N73-27406 *
US-PATENT-CLASS-137-606 ..... c 37 N87-21332 *
US-PATENT-CLASS-137-608 ..... c 15 N73-13462 *
US-PATENT-CLASS-137-614.06 .. c 37 N79-11402 *
US-PATENT-CLASS-137-614.11 .. c 37 N87-25573 *
US-PATENT-CLASS-137-614.18 .. c 37 N87-25573 *
US-PATENT-CLASS-137-614 ..... c 15 N70-36492 *
US-PATENT-CLASS-137-615 ..... c 12 N71-16031 *
US-PATENT-CLASS-137-624.11 .. c 35 N78-19466 *
US-PATENT-CLASS-137-624.14 .. c 03 N69-21469 * #
US-PATENT-CLASS-137-625.38 .. c 37 N78-25426 *
US-PATENT-CLASS-137-625.3 ... c 37 N78-25426 *
US-PATENT-CLASS-137-625.47 .. c 37 N94-20589 *
US-PATENT-CLASS-137-625.4 .... c 37 N80-23654 *
US-PATENT-CLASS-137-625.5 .... c 15 N71-23051 *
US-PATENT-CLASS-137-625.69 .. c 15 N70-36908 *
US-PATENT-CLASS-137-628 ..... c 37 N74-21065 *
US-PATENT-CLASS-137-637.05 .. c 37 N79-11402 *
US-PATENT-CLASS-137-81.5 ..... c 12 N69-21466 * #
US-PATENT-CLASS-137-81.5 ..... c 15 N71-15609 *
US-PATENT-CLASS-137-81.5 ..... c 12 N71-17578 *
US-PATENT-CLASS-137-81.5 ..... c 12 N71-17579 *
US-PATENT-CLASS-137-81.5 ..... c 10 N71-25899 *
US-PATENT-CLASS-137-81.5 ..... c 12 N71-27332 *
US-PATENT-CLASS-137-81.5 ..... c 12 N71-28741 *
US-PATENT-CLASS-137-81.5 ..... c 28 N72-22772 *
US-PATENT-CLASS-137-81.5 ..... c 15 N72-33477 *
US-PATENT-CLASS-137-81.5 ..... c 15 N73-13462 *
US-PATENT-CLASS-137-81.5 ..... c 28 N73-13773 *
US-PATENT-CLASS-137-819 ..... c 33 N74-11050 *
US-PATENT-CLASS-137-81 ..... c 05 N72-20097 *
US-PATENT-CLASS-137-81 ..... c 14 N73-13418 *
US-PATENT-CLASS-137-833 ..... c 33 N74-11050 *
US-PATENT-CLASS-137-838 ..... c 71 N84-28568 *
US-PATENT-CLASS-137-840 ..... c 33 N74-11050 *
US-PATENT-CLASS-137-853 ..... c 20 N94-20370 *
US-PATENT-CLASS-137-855 ..... c 20 N94-20370 *
US-PATENT-CLASS-137-876 ..... c 37 N94-20589 *
US-PATENT-CLASS-137-886 ..... c 37 N81-17433 *

US-PATENT-CLASS-137-887 ..... c 37 N81-17433 *
US-PATENT-CLASS-137-99 ..... c 37 N85-34403 *
US-PATENT-CLASS-138.8R ..... c 27 N81-15104 *
US-PATENT-CLASS-138-103 ..... c 52 N80-16725 *
US-PATENT-CLASS-138-113 ..... c 34 N75-12222 *
US-PATENT-CLASS-138-114 ..... c 34 N75-12222 *
US-PATENT-CLASS-138-119 ..... c 32 N70-41579 *
US-PATENT-CLASS-138-120 ..... c 54 N86-28619 *
US-PATENT-CLASS-138-120 ..... c 54 N86-28620 *
US-PATENT-CLASS-138-120 ..... c 54 N86-29507 * #
US-PATENT-CLASS-138-133 ..... c 52 N80-16725 *
US-PATENT-CLASS-138-141 ..... c 24 N90-25196 *
US-PATENT-CLASS-138-148 ..... c 34 N75-12222 *
US-PATENT-CLASS-138-149 ..... c 24 N90-25196 *
US-PATENT-CLASS-138-153 ..... c 24 N90-25196 *
US-PATENT-CLASS-138-178 ..... c 15 N72-20445 *
US-PATENT-CLASS-138-26 ..... c 31 N91-25305 *
US-PATENT-CLASS-138-30 ..... c 31 N91-25305 *
US-PATENT-CLASS-138-33 ..... c 52 N80-16725 *
US-PATENT-CLASS-138-38 ..... c 02 N88-14071 *
US-PATENT-CLASS-138-38 ..... c 34 N88-29133 *
US-PATENT-CLASS-138-42 ..... c 15 N71-15608 *
US-PATENT-CLASS-138-42 ..... c 44 N84-14583 *
US-PATENT-CLASS-138-43 ..... c 15 N71-19213 *
US-PATENT-CLASS-138-45 ..... c 15 N71-18580 *
US-PATENT-CLASS-138-45 ..... c 15 N73-13462 *
US-PATENT-CLASS-138-46 ..... c 12 N71-18615 *
US-PATENT-CLASS-138-4 ..... c 15 N71-18580 *
US-PATENT-CLASS-138-96R ..... c 37 N79-22474 *
US-PATENT-CLASS-138-97 ..... c 37 N86-32736 * #
US-PATENT-CLASS-139-DIG.1 .... c 31 N93-18857 *
US-PATENT-CLASS-139-DIG.1 .... c 31 N93-29611 *
US-PATENT-CLASS-139-11 ..... c 31 N93-18857 *
US-PATENT-CLASS-139-11 ..... c 31 N93-29611 *
US-PATENT-CLASS-139-420A .... c 24 N94-29509 *
US-PATENT-CLASS-139-425R .... c 28 N72-11708 *
US-PATENT-CLASS-139-429 ..... c 31 N93-18857 *
US-PATENT-CLASS-139-436 ..... c 31 N93-18857 *
US-PATENT-CLASS-14-71.5 ..... c 18 N91-14374 *
US-PATENT-CLASS-140-105 ..... c 15 N72-12408 *
US-PATENT-CLASS-140-123 ..... c 15 N71-15918 *
US-PATENT-CLASS-140-124 ..... c 15 N71-10809 *
US-PATENT-CLASS-141-197 ..... c 35 N78-10428 *
US-PATENT-CLASS-141-198 ..... c 25 N86-27431 *
US-PATENT-CLASS-141-23 ..... c 15 N72-21465 *
US-PATENT-CLASS-141-258 ..... c 14 N71-27005 *
US-PATENT-CLASS-141-45 ..... c 29 N90-20236 *
US-PATENT-CLASS-141-4 ..... c 35 N78-10428 *
US-PATENT-CLASS-141-5 ..... c 33 N71-20834 *
US-PATENT-CLASS-141-91 ..... c 12 N71-21089 *
US-PATENT-CLASS-141-93 ..... c 31 N90-20254 *
US-PATENT-CLASS-148-DIG.148 c 76 N94-20381 *
US-PATENT-CLASS-148-DIG.22 . c 76 N92-22035 *
US-PATENT-CLASS-148-DIG.26 . c 76 N85-30922 *
US-PATENT-CLASS-148-DIG.80 . c 33 N94-10656 *
US-PATENT-CLASS-148-1.5 ..... c 26 N71-10607 *
US-PATENT-CLASS-148-1.5 ..... c 26 N71-23654 *
US-PATENT-CLASS-148-1.5 ..... c 76 N74-20329 *
US-PATENT-CLASS-148-1.5 ..... c 44 N80-29835 *
US-PATENT-CLASS-148-1.5 ..... c 33 N81-26360 *
US-PATENT-CLASS-148-1.5 ..... c 44 N82-26777 *
US-PATENT-CLASS-148-1.5 ..... c 44 N82-29709 *
US-PATENT-CLASS-148-1.5 ..... c 44 N86-32875 *
US-PATENT-CLASS-148-11.5R ... c 15 N73-13465 *
US-PATENT-CLASS-148-12.4 ..... c 26 N79-22271 *
US-PATENT-CLASS-148-12.7A ... c 26 N78-24333 *
US-PATENT-CLASS-148-12.7N ... c 26 N77-20201 *
US-PATENT-CLASS-148-12F ..... c 26 N79-22271 *
US-PATENT-CLASS-148-121 ..... c 76 N79-16678 *
US-PATENT-CLASS-148-125 ..... c 26 N78-24333 *
US-PATENT-CLASS-148-126 ..... c 17 N71-24142 *
US-PATENT-CLASS-148-126 ..... c 18 N71-26153 *
US-PATENT-CLASS-148-126 ..... c 18 N71-28729 *
US-PATENT-CLASS-148-126 ..... c 26 N74-10521 *
US-PATENT-CLASS-148-127 ..... c 26 N75-29236 *
US-PATENT-CLASS-148-13.1 ..... c 76 N90-19884 *
US-PATENT-CLASS-148-131 ..... c 26 N80-28492 *
US-PATENT-CLASS-148-13 ..... c 14 N71-25892 *
US-PATENT-CLASS-148-13 ..... c 76 N90-19884 *
US-PATENT-CLASS-148-149 ..... c 09 N90-23415 *
US-PATENT-CLASS-148-159 ..... c 26 N89-28621 *
US-PATENT-CLASS-148-16.6 ..... c 26 N88-14179 *
US-PATENT-CLASS-148-162 ..... c 26 N77-20201 *
US-PATENT-CLASS-148-162 ..... c 26 N87-28647 *
US-PATENT-CLASS-148-173 ..... c 76 N83-20789 *
US-PATENT-CLASS-148-174 ..... c 26 N71-29156 *
US-PATENT-CLASS-148-174 ..... c 44 N76-28635 *
US-PATENT-CLASS-148-174 ..... c 44 N78-24609 *
US-PATENT-CLASS-148-174 ..... c 76 N85-30922 *
US-PATENT-CLASS-148-174 ..... c 76 N87-15882 *
US-PATENT-CLASS-148-175 ..... c 25 N75-26043 *
US-PATENT-CLASS-148-175 ..... c 76 N76-25049 *
US-PATENT-CLASS-148-175 ..... c 44 N76-28635 *
US-PATENT-CLASS-148-175 ..... c 44 N82-28780 *
US-PATENT-CLASS-148-175 ..... c 76 N83-20789 *
US-PATENT-CLASS-148-175 ..... c 76 N85-30922 *
US-PATENT-CLASS-148-175 ..... c 76 N87-15882 *
US-PATENT-CLASS-148-187 ..... c 26 N72-17820 *
US-PATENT-CLASS-148-187 ..... c 14 N72-28438 *
US-PATENT-CLASS-148-187 ..... c 33 N81-26360 *
US-PATENT-CLASS-148-187 ..... c 35 N87-14671 *
US-PATENT-CLASS-148-188 ..... c 24 N71-10560 *
US-PATENT-CLASS-148-188 ..... c 09 N71-12513 *
US-PATENT-CLASS-148-188 ..... c 44 N79-11468 *
US-PATENT-CLASS-148-188 ..... c 35 N87-14671 *
US-PATENT-CLASS-148-189 ..... c 35 N87-14671 *
US-PATENT-CLASS-148-190 ..... c 35 N87-14671 *
US-PATENT-CLASS-148-20.3 ..... c 26 N77-20201 *
US-PATENT-CLASS-148-2 ..... c 26 N77-20201 *
US-PATENT-CLASS-148-2 ..... c 26 N79-22271 *
US-PATENT-CLASS-148-32 ..... c 26 N78-18183 *
US-PATENT-CLASS-148-32.5 ..... c 17 N72-22535 *
US-PATENT-CLASS-148-32.5 ..... c 26 N77-20201 *
US-PATENT-CLASS-148-32.5 ..... c 26 N77-32280 *
US-PATENT-CLASS-148-32.5 ..... c 26 N78-18183 *
US-PATENT-CLASS-148-32 ..... c 26 N77-32279 *
US-PATENT-CLASS-148-32 ..... c 26 N80-23419 *
US-PATENT-CLASS-148-33.2 ..... c 76 N85-30922 *
US-PATENT-CLASS-148-33 ..... c 76 N94-20381 *
US-PATENT-CLASS-148-402 ..... c 52 N92-33032 *
US-PATENT-CLASS-148-410 ..... c 26 N87-28647 *
US-PATENT-CLASS-148-416 ..... c 26 N89-28621 *
US-PATENT-CLASS-148-417 ..... c 26 N89-28621 *
US-PATENT-CLASS-148-423 ..... c 26 N94-36275 *
US-PATENT-CLASS-148-428 ..... c 26 N82-31505 *
US-PATENT-CLASS-148-429 ..... c 26 N87-14482 *
US-PATENT-CLASS-148-442 ..... c 26 N94-36275 *
US-PATENT-CLASS-148-4 ..... c 09 N90-23415 *
US-PATENT-CLASS-148-512 ..... c 37 N94-29557 *
US-PATENT-CLASS-148-6.11 ..... c 15 N71-24875 *
US-PATENT-CLASS-148-6.16 ..... c 18 N71-23047 *
US-PATENT-CLASS-148-6.20 ..... c 17 N71-23828 *
US-PATENT-CLASS-148-6.3 ..... c 17 N71-33408 *
US-PATENT-CLASS-148-6.3 ..... c 44 N79-18444 *
US-PATENT-CLASS-148-6.3 ..... c 26 N87-25455 *
US-PATENT-CLASS-148-6 ..... c 18 N71-29040 *
US-PATENT-CLASS-148-6 ..... c 76 N79-16678 *
US-PATENT-CLASS-148-902 ..... c 09 N90-23415 *
US-PATENT-CLASS-148-903 ..... c 09 N90-23415 *
US-PATENT-CLASS-149-105 ..... c 28 N78-31255 *
US-PATENT-CLASS-149-108.4 .... c 28 N80-23471 *
US-PATENT-CLASS-149-108.4 .... c 28 N81-15119 *
US-PATENT-CLASS-149-109 ..... c 27 N70-41897 *
US-PATENT-CLASS-149-111 ..... c 28 N78-31255 *
US-PATENT-CLASS-149-15 ..... c 44 N80-20808 *
US-PATENT-CLASS-149-17 ..... c 28 N74-33209 *
US-PATENT-CLASS-149-19.2 ..... c 28 N80-28536 *
US-PATENT-CLASS-149-19.4 ..... c 28 N78-31255 *
US-PATENT-CLASS-149-19.4 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-19.4 ..... c 28 N79-28342 *
US-PATENT-CLASS-149-19.8 ..... c 28 N78-31255 *
US-PATENT-CLASS-149-19.92 .... c 28 N79-14228 *
US-PATENT-CLASS-149-19.9 ..... c 28 N79-14228 *
US-PATENT-CLASS-149-19.9 ..... c 28 N79-28342 *
US-PATENT-CLASS-149-19.9 ..... c 28 N80-28536 *
US-PATENT-CLASS-149-19 ..... c 27 N71-14090 *
US-PATENT-CLASS-149-19 ..... c 27 N72-25699 *
US-PATENT-CLASS-149-19 ..... c 27 N73-16764 *
US-PATENT-CLASS-149-1 ..... c 23 N71-16212 *
US-PATENT-CLASS-149-1 ..... c 06 N73-30097 *
US-PATENT-CLASS-149-1 ..... c 28 N80-20402 *
US-PATENT-CLASS-149-1 ..... c 28 N81-14103 *
US-PATENT-CLASS-149-20 ..... c 27 N72-25699 *
US-PATENT-CLASS-149-20 ..... c 28 N79-14228 *
US-PATENT-CLASS-149-20 ..... c 28 N79-28342 *
US-PATENT-CLASS-149-20 ..... c 28 N80-28536 *
US-PATENT-CLASS-149-2 ..... c 12 N70-40124 *
US-PATENT-CLASS-149-36 ..... c 27 N72-25699 *
US-PATENT-CLASS-149-36 ..... c 27 N73-16764 *
US-PATENT-CLASS-149-36 ..... c 06 N73-30097 *
US-PATENT-CLASS-149-36 ..... c 24 N76-14203 *
US-PATENT-CLASS-149-37 ..... c 44 N80-20808 *
US-PATENT-CLASS-149-42 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-43 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-44 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-60 ..... c 28 N74-33209 *
US-PATENT-CLASS-149-76 ..... c 28 N74-33209 *
US-PATENT-CLASS-149-76 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-83 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-85 ..... c 20 N78-32179 *
US-PATENT-CLASS-149-88 ..... c 28 N78-31255 *
US-PATENT-CLASS-149-92 ..... c 27 N72-25699 *
US-PATENT-CLASS-149-92 ..... c 28 N78-31255 *
US-PATENT-CLASS-149-93 ..... c 28 N78-31255 *
US-PATENT-CLASS-15-143 ..... c 15 N72-11390 *
US-PATENT-CLASS-15-210 ..... c 15 N72-11390 *
US-PATENT-CLASS-15-230.11 .... c 37 N92-28754 *
US-PATENT-CLASS-15-230.16 .... c 37 N79-10422 *
US-PATENT-CLASS-15-230.17 .... c 37 N79-10422 *
US-PATENT-CLASS-15-406 ..... c 37 N85-21652 *
US-PATENT-CLASS-15-415 ..... c 14 N73-30395 *
US-PATENT-CLASS-15-52 ..... c 31 N93-22035 *
US-PATENT-CLASS-15-80 ..... c 31 N93-22035 *
US-PATENT-CLASS-15-87 ..... c 31 N93-22035 *
US-PATENT-CLASS-150-11 ..... c 37 N81-14317 *
US-PATENT-CLASS-150-1 ..... c 52 N79-14749 *
US-PATENT-CLASS-151-41.76 .... c 37 N80-23653 *
US-PATENT-CLASS-152-11 ..... c 31 N71-18611 *
US-PATENT-CLASS-152-225 ..... c 15 N71-27091 *
US-PATENT-CLASS-152-250 ..... c 15 N71-27091 *
US-PATENT-CLASS-152-330RF .. c 37 N81-24443 *
US-PATENT-CLASS-152-353G .... c 37 N81-24443 *
US-PATENT-CLASS-152-353R .... c 37 N81-24443 *
US-PATENT-CLASS-152-379.4 .... c 37 N81-24443 *
US-PATENT-CLASS-156.307.7 .... c 27 N82-11206 *
US-PATENT-CLASS-156-DIG.113 c 76 N90-24169 *
US-PATENT-CLASS-156-DIG.113 c 76 N92-25398 *
US-PATENT-CLASS-156-DIG.6-8 c 76 N79-23798 *
US-PATENT-CLASS-156-DIG.62 . c 76 N77-32919 *
US-PATENT-CLASS-156-DIG.62 . c 35 N83-24828 *
US-PATENT-CLASS-156-DIG.62 . c 33 N85-29142 *
US-PATENT-CLASS-156-DIG.62 . c 76 N90-23242 *
US-PATENT-CLASS-156-DIG.62 . c 76 N90-24169 *
US-PATENT-CLASS-156-DIG.62 . c 76 N92-25398 *
US-PATENT-CLASS-156-DIG.62 . c 76 N93-14707 *
US-PATENT-CLASS-156-DIG.64 . c 76 N79-11920 *
US-PATENT-CLASS-156-DIG.64 . c 44 N80-24741 *
US-PATENT-CLASS-156-DIG.64 . c 76 N80-32245 *
US-PATENT-CLASS-156-DIG.64 . c 76 N84-35113 *
US-PATENT-CLASS-156-DIG.64 . c 76 N92-21499 *
US-PATENT-CLASS-156-DIG.64 . c 76 N94-20381 *
US-PATENT-CLASS-156-DIG.65 . c 76 N79-11920 *
US-PATENT-CLASS-156-DIG.65 . c 76 N85-30922 *
US-PATENT-CLASS-156-DIG.6 .... c 76 N83-35888 *
US-PATENT-CLASS-156-DIG.70 . c 76 N88-24544 *
US-PATENT-CLASS-156-DIG.70 . c 76 N88-24545 *
US-PATENT-CLASS-156-DIG.72 . c 76 N88-24544 *
US-PATENT-CLASS-156-DIG.72 . c 76 N88-24545 *
US-PATENT-CLASS-156-DIG.72 . c 76 N90-23242 *
US-PATENT-CLASS-156-DIG.73 . c 76 N83-35888 *
US-PATENT-CLASS-156-DIG.73 . c 27 N83-36220 *
US-PATENT-CLASS-156-DIG.82 . c 76 N88-24544 *
US-PATENT-CLASS-156-DIG.82 . c 76 N88-24545 *
US-PATENT-CLASS-156-DIG.84 . c 76 N88-24545 *
US-PATENT-CLASS-156-DIG.88 . c 76 N79-11920 *
US-PATENT-CLASS-156-DIG.88 . c 76 N80-32245 *
US-PATENT-CLASS-156-DIG.88 . c 76 N84-35113 *
US-PATENT-CLASS-156-DIG.88 . c 76 N85-30922 *
US-PATENT-CLASS-156-DIG.88 . c 76 N86-28760 *
US-PATENT-CLASS-156-DIG.89 . c 27 N83-36220 *
US-PATENT-CLASS-156-DIG.89 . c 76 N88-24545 *
US-PATENT-CLASS-156-DIG.92 . c 76 N88-24545 *
US-PATENT-CLASS-156-DIG.96 . c 76 N80-32244 *
US-PATENT-CLASS-156-DIG.96 . c 33 N81-19389 *
US-PATENT-CLASS-156-DIG.98 . c 76 N84-35113 *
US-PATENT-CLASS-156-104 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-153 ..... c 24 N90-25197 *
US-PATENT-CLASS-156-154 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-154 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-157 ..... c 33 N82-26571 *
US-PATENT-CLASS-156-160 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-161 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-163 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-163 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-165 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-166 ..... c 74 N85-29749 *
US-PATENT-CLASS-156-166 ..... c 24 N92-10070 *
US-PATENT-CLASS-156-16 ..... c 74 N75-12732 *
US-PATENT-CLASS-156-172 ..... c 15 N71-17651 *
US-PATENT-CLASS-156-172 ..... c 24 N91-25199 *
US-PATENT-CLASS-156-17 ..... c 76 N79-21910 *
US-PATENT-CLASS-156-181 ..... c 24 N93-24597 *
US-PATENT-CLASS-156-187 ..... c 24 N91-25199 *
US-PATENT-CLASS-156-18 ..... c 26 N73-26752 *
US-PATENT-CLASS-156-18 ..... c 74 N75-12732 *
US-PATENT-CLASS-156-191 ..... c 52 N84-28389 *
US-PATENT-CLASS-156-212 ..... c 03 N71-26726 *
US-PATENT-CLASS-156-212 ..... c 24 N80-26388 *
US-PATENT-CLASS-156-212 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-213 ..... c 24 N80-26388 *
US-PATENT-CLASS-156-215 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-218 ..... c 54 N74-32546 *
US-PATENT-CLASS-156-228 ..... c 24 N94-35075 *
US-PATENT-CLASS-156-229 ..... c 24 N77-28225 *
US-PATENT-CLASS-156-229 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-230 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-233 ..... c 35 N88-30108 *
US-PATENT-CLASS-156-235 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-242 ..... c 15 N69-24322 * #
US-PATENT-CLASS-156-242 ..... c 37 N76-24575 *
US-PATENT-CLASS-156-242 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-245 ..... c 31 N74-18089 *
US-PATENT-CLASS-156-245 ..... c 24 N78-17149 *
US-PATENT-CLASS-156-245 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-245 ..... c 27 N93-25995 *
US-PATENT-CLASS-156-247 ..... c 31 N74-18089 *
US-PATENT-CLASS-156-247 ..... c 35 N88-30108 *
US-PATENT-CLASS-156-249 ..... c 24 N90-25197 *

US-PATENT-CLASS-156-250 ..... c 03 N72-25019 *
US-PATENT-CLASS-156-252 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-264 ..... c 05 N72-25121 *
US-PATENT-CLASS-156-264 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-264 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-264 ..... c 31 N83-34073 *
US-PATENT-CLASS-156-267 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-272.2 .... c 32 N94-20368 *
US-PATENT-CLASS-156-272.4 .... c 31 N85-29083 *
US-PATENT-CLASS-156-272.4 .... c 35 N88-30108 *
US-PATENT-CLASS-156-272.4 .... c 32 N94-20368 *
US-PATENT-CLASS-156-272 ..... c 27 N80-32516 *
US-PATENT-CLASS-156-272 ..... c 33 N82-26571 *
US-PATENT-CLASS-156-273.7 .... c 27 N85-20125 *
US-PATENT-CLASS-156-273.9 .... c 31 N85-29083 *
US-PATENT-CLASS-156-274.8 .... c 35 N88-30108 *
US-PATENT-CLASS-156-275.5 .... c 35 N88-30108 *
US-PATENT-CLASS-156-278 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-279 ..... c 33 N93-18285 *
US-PATENT-CLASS-156-283 ..... c 24 N92-10070 *
US-PATENT-CLASS-156-285 ..... c 15 N71-23052 *
US-PATENT-CLASS-156-285 ..... c 18 N73-30532 *
US-PATENT-CLASS-156-285 ..... c 31 N74-18089 *
US-PATENT-CLASS-156-285 ..... c 24 N74-27035 *
US-PATENT-CLASS-156-285 ..... c 24 N78-17149 *
US-PATENT-CLASS-156-285 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-285 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-285 ..... c 24 N80-26388 *
US-PATENT-CLASS-156-285 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-285 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-285 ..... c 52 N84-28389 *
US-PATENT-CLASS-156-286 ..... c 37 N76-21554 *
US-PATENT-CLASS-156-286 ..... c 37 N76-24575 *
US-PATENT-CLASS-156-286 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-286 ..... c 37 N87-23981 *
US-PATENT-CLASS-156-286 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-289 ..... c 24 N78-17149 *
US-PATENT-CLASS-156-289 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-289 ..... c 52 N84-28389 *
US-PATENT-CLASS-156-289 ..... c 37 N87-23981 *
US-PATENT-CLASS-156-289 ..... c 24 N90-25197 *
US-PATENT-CLASS-156-290 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-292 ..... c 27 N80-32516 *
US-PATENT-CLASS-156-292 ..... c 24 N81-17170 *
US-PATENT-CLASS-156-294 ..... c 37 N81-14317 *
US-PATENT-CLASS-156-294 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-294 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-295 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-297 ..... c 27 N89-12741 *
US-PATENT-CLASS-156-298 ..... c 37 N87-23981 *
US-PATENT-CLASS-156-299 ..... c 27 N89-12741 *
US-PATENT-CLASS-156-300 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-303 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-304.3 .... c 27 N84-22748 *
US-PATENT-CLASS-156-304.6 .... c 27 N84-22748 *
US-PATENT-CLASS-156-306 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-307.1 .... c 37 N87-23981 *
US-PATENT-CLASS-156-307.1 .... c 24 N94-35075 *
US-PATENT-CLASS-156-307.3 .... c 27 N82-11206 *
US-PATENT-CLASS-156-307.3 .... c 37 N87-23981 *
US-PATENT-CLASS-156-307.4 .... c 27 N94-23076 *
US-PATENT-CLASS-156-307.5 .... c 27 N82-11206 *
US-PATENT-CLASS-156-307.7 .... c 37 N87-23981 *
US-PATENT-CLASS-156-307.7 .... c 35 N88-30108 *
US-PATENT-CLASS-156-307 ..... c 27 N86-20561 *
US-PATENT-CLASS-156-308 ..... c 05 N72-25121 *
US-PATENT-CLASS-156-309.9 .... c 27 N86-20561 *
US-PATENT-CLASS-156-309 ..... c 31 N74-18089 *
US-PATENT-CLASS-156-309 ..... c 27 N78-17205 *
US-PATENT-CLASS-156-311 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-312 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-312 ..... c 24 N94-35075 *
US-PATENT-CLASS-156-315 ..... c 27 N82-24340 *
US-PATENT-CLASS-156-320 ..... c 15 N72-11392 *
US-PATENT-CLASS-156-323 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-329 ..... c 27 N82-29456 *
US-PATENT-CLASS-156-330.9 .... c 27 N94-23076 *
US-PATENT-CLASS-156-330 ..... c 24 N81-14000 *
US-PATENT-CLASS-156-331.5 .... c 27 N82-11206 *
US-PATENT-CLASS-156-331.5 .... c 27 N86-20561 *
US-PATENT-CLASS-156-331.5 .... c 24 N94-35075 *
US-PATENT-CLASS-156-331 ..... c 37 N74-18126 *
US-PATENT-CLASS-156-331 ..... c 27 N78-17205 *
US-PATENT-CLASS-156-331 ..... c 24 N79-16915 *
US-PATENT-CLASS-156-331 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-338 ..... c 27 N82-24340 *
US-PATENT-CLASS-156-344 ..... c 28 N81-14103 *
US-PATENT-CLASS-156-344 ..... c 31 N83-34073 *
US-PATENT-CLASS-156-344 ..... c 31 N90-19427 *
US-PATENT-CLASS-156-344 ..... c 24 N90-25197 *
US-PATENT-CLASS-156-345 ..... c 15 N70-42033 *
US-PATENT-CLASS-156-345 ..... c 31 N87-21160 *
US-PATENT-CLASS-156-345 ..... c 25 N91-31258 *
US-PATENT-CLASS-156-345 ..... c 31 N94-35445 *
US-PATENT-CLASS-156-379.7 .... c 33 N82-26571 *
US-PATENT-CLASS-156-380.2 .... c 31 N85-29083 *
US-PATENT-CLASS-156-382 ..... c 37 N76-21554 *
US-PATENT-CLASS-156-382 ..... c 52 N84-28389 *
US-PATENT-CLASS-156-382 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-391 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-3 ..... c 17 N71-16044 *
US-PATENT-CLASS-156-3 ..... c 15 N71-21404 *
US-PATENT-CLASS-156-3 ..... c 15 N71-24047 *
US-PATENT-CLASS-156-3 ..... c 06 N72-21094 *
US-PATENT-CLASS-156-423 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-441 ..... c 24 N93-24597 *
US-PATENT-CLASS-156-494 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-499 ..... c 27 N84-22748 *
US-PATENT-CLASS-156-510 ..... c 15 N71-17687 *
US-PATENT-CLASS-156-510 ..... c 03 N72-25019 *
US-PATENT-CLASS-156-52 ..... c 31 N79-21226 *
US-PATENT-CLASS-156-540 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-545 ..... c 15 N71-24164 *
US-PATENT-CLASS-156-556 ..... c 37 N76-21554 *
US-PATENT-CLASS-156-59 ..... c 31 N83-34073 *
US-PATENT-CLASS-156-600 ..... c 27 N83-36220 *
US-PATENT-CLASS-156-600 ..... c 76 N90-23242 *
US-PATENT-CLASS-156-600 ..... c 76 N90-24169 *
US-PATENT-CLASS-156-600 ..... c 76 N92-34171 *
US-PATENT-CLASS-156-600 ..... c 76 N94-20528 *
US-PATENT-CLASS-156-601 ..... c 76 N77-32919 *
US-PATENT-CLASS-156-601 ..... c 76 N80-32245 *
US-PATENT-CLASS-156-601 ..... c 76 N90-24169 *
US-PATENT-CLASS-156-602 ..... c 76 N82-30105 *
US-PATENT-CLASS-156-605 ..... c 44 N80-24741 *
US-PATENT-CLASS-156-607 ..... c 76 N87-23286 *
US-PATENT-CLASS-156-607 ..... c 76 N88-24544 *
US-PATENT-CLASS-156-607 ..... c 76 N90-24169 *
US-PATENT-CLASS-156-608 ..... c 76 N79-11920 *
US-PATENT-CLASS-156-608 ..... c 33 N81-19389 *
US-PATENT-CLASS-156-608 ..... c 76 N82-30105 *
US-PATENT-CLASS-156-608 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-608 ..... c 76 N83-35888 *
US-PATENT-CLASS-156-608 ..... c 76 N84-35113 *
US-PATENT-CLASS-156-608 ..... c 76 N90-23242 *
US-PATENT-CLASS-156-608 ..... c 76 N91-15898 *
US-PATENT-CLASS-156-608 ..... c 76 N92-21499 *
US-PATENT-CLASS-156-60 ..... c 15 N71-22713 *
US-PATENT-CLASS-156-610 ..... c 76 N76-25049 *
US-PATENT-CLASS-156-610 ..... c 27 N83-36220 *
US-PATENT-CLASS-156-610 ..... c 76 N86-28760 *
US-PATENT-CLASS-156-612 ..... c 76 N76-25049 *
US-PATENT-CLASS-156-612 ..... c 44 N76-28635 *
US-PATENT-CLASS-156-612 ..... c 76 N85-30922 *
US-PATENT-CLASS-156-612 ..... c 76 N94-20381 *
US-PATENT-CLASS-156-613 ..... c 76 N76-25049 *
US-PATENT-CLASS-156-613 ..... c 44 N76-28635 *
US-PATENT-CLASS-156-613 ..... c 76 N94-23972 *
US-PATENT-CLASS-156-614 ..... c 44 N76-28635 *
US-PATENT-CLASS-156-616.41 .. c 76 N90-20896 *
US-PATENT-CLASS-156-616.4 .... c 76 N90-20896 *
US-PATENT-CLASS-156-617.1 .... c 76 N91-15898 *
US-PATENT-CLASS-156-617.1 .... c 76 N92-21499 *
US-PATENT-CLASS-156-617-H ... c 76 N87-23286 *
US-PATENT-CLASS-156-617-SP . c 76 N84-35113 *
US-PATENT-CLASS-156-617-SP . c 76 N87-23286 *
US-PATENT-CLASS-156-617-V ... c 76 N84-35113 *
US-PATENT-CLASS-156-617SP .. c 76 N79-11920 *
US-PATENT-CLASS-156-617SP .. c 76 N79-23798 *
US-PATENT-CLASS-156-617SP .. c 44 N80-24741 *
US-PATENT-CLASS-156-617SP .. c 76 N80-32245 *
US-PATENT-CLASS-156-619 ..... c 76 N77-32919 *
US-PATENT-CLASS-156-620.1 .... c 76 N91-15898 *
US-PATENT-CLASS-156-620.1 .... c 76 N92-21499 *
US-PATENT-CLASS-156-620.3 .... c 76 N92-21499 *
US-PATENT-CLASS-156-620.4 .... c 76 N92-21499 *
US-PATENT-CLASS-156-620.76 .. c 76 N88-24545 *
US-PATENT-CLASS-156-620 ..... c 76 N77-32919 *
US-PATENT-CLASS-156-621 ..... c 76 N88-14835 *
US-PATENT-CLASS-156-621 ..... c 76 N88-24544 *
US-PATENT-CLASS-156-621 ..... c 76 N92-34171 *
US-PATENT-CLASS-156-621 ..... c 76 N94-20528 *
US-PATENT-CLASS-156-622 ..... c 76 N88-14835 *
US-PATENT-CLASS-156-622 ..... c 76 N94-20528 *
US-PATENT-CLASS-156-623Q .... c 76 N85-29800 *
US-PATENT-CLASS-156-624 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-624 ..... c 76 N86-28760 *
US-PATENT-CLASS-156-624 ..... c 76 N88-14835 *
US-PATENT-CLASS-156-624 ..... c 76 N88-24544 *
US-PATENT-CLASS-156-625 ..... c 24 N91-25199 *
US-PATENT-CLASS-156-630 ..... c 35 N84-22930 *
US-PATENT-CLASS-156-633 ..... c 44 N78-25529 *
US-PATENT-CLASS-156-634 ..... c 24 N91-25199 *
US-PATENT-CLASS-156-635 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-637 ..... c 76 N92-10681 *
US-PATENT-CLASS-156-643 ..... c 52 N84-23095 *
US-PATENT-CLASS-156-643 ..... c 31 N87-21160 *
US-PATENT-CLASS-156-643 ..... c 25 N91-31258 *
US-PATENT-CLASS-156-643 ..... c 76 N92-22040 *
US-PATENT-CLASS-156-643 ..... c 75 N94-20491 *
US-PATENT-CLASS-156-643 ..... c 31 N94-35445 *
US-PATENT-CLASS-156-644 ..... c 52 N84-23095 *
US-PATENT-CLASS-156-645 ..... c 27 N77-32308 *
US-PATENT-CLASS-156-645 ..... c 76 N94-20381 *
US-PATENT-CLASS-156-646 ..... c 31 N87-21160 *
US-PATENT-CLASS-156-646 ..... c 76 N94-20381 *
US-PATENT-CLASS-156-646 ..... c 75 N94-20491 *
US-PATENT-CLASS-156-647 ..... c 33 N81-26360 *
US-PATENT-CLASS-156-648 ..... c 33 N81-26360 *
US-PATENT-CLASS-156-649 ..... c 33 N81-26360 *
US-PATENT-CLASS-156-64 ..... c 33 N93-18285 *
US-PATENT-CLASS-156-654 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-654 ..... c 35 N84-22930 *
US-PATENT-CLASS-156-656 ..... c 25 N92-25399 * #
US-PATENT-CLASS-156-659.1 .... c 31 N87-21160 *
US-PATENT-CLASS-156-661.1 .... c 31 N87-21160 *
US-PATENT-CLASS-156-662 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-662 ..... c 76 N94-20381 *
US-PATENT-CLASS-156-662 ..... c 75 N94-20491 *
US-PATENT-CLASS-156-663 ..... c 27 N77-32308 *
US-PATENT-CLASS-156-664 ..... c 25 N92-25399 * #
US-PATENT-CLASS-156-668 ..... c 52 N84-23095 *
US-PATENT-CLASS-156-668 ..... c 25 N91-31258 *
US-PATENT-CLASS-156-668 ..... c 75 N94-20491 *
US-PATENT-CLASS-156-66 ..... c 15 N72-11392 *
US-PATENT-CLASS-156-71 ..... c 33 N82-26571 *
US-PATENT-CLASS-156-71 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-74 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-7 ..... c 74 N75-12732 *
US-PATENT-CLASS-156-81 ..... c 27 N84-22748 *
US-PATENT-CLASS-156-84 ..... c 15 N72-16330 *
US-PATENT-CLASS-156-84 ..... c 37 N82-24491 *
US-PATENT-CLASS-156-85 ..... c 37 N82-24491 *
US-PATENT-CLASS-156-86 ..... c 15 N72-16330 *
US-PATENT-CLASS-156-86 ..... c 37 N82-24491 *
US-PATENT-CLASS-156-87 ..... c 37 N87-23981 *
US-PATENT-CLASS-156-87 ..... c 24 N94-35075 *
US-PATENT-CLASS-156-89 ..... c 37 N75-15992 *
US-PATENT-CLASS-156-89 ..... c 24 N79-25143 *
US-PATENT-CLASS-156-89 ..... c 27 N84-22748 *
US-PATENT-CLASS-156-904 ..... c 31 N87-21160 *
US-PATENT-CLASS-156-905 ..... c 35 N84-22930 *
US-PATENT-CLASS-156-94 ..... c 32 N74-27612 *
US-PATENT-CLASS-156-94 ..... c 24 N74-30001 *
US-PATENT-CLASS-156-99 ..... c 37 N75-15992 *
US-PATENT-CLASS-159-3 ..... c 25 N88-23846 *
US-PATENT-CLASS-159-48.2 ..... c 25 N88-23846 *
US-PATENT-CLASS-159-900 ..... c 25 N88-23846 *
US-PATENT-CLASS-16-111R ..... c 37 N92-29092 *
US-PATENT-CLASS-16-114R ..... c 37 N92-29092 *
US-PATENT-CLASS-16-114R ..... c 37 N94-29428 *
US-PATENT-CLASS-16-125 ..... c 37 N94-29428 *
US-PATENT-CLASS-16-242 ..... c 31 N86-19479 *
US-PATENT-CLASS-16-292 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-294 ..... c 37 N86-19605 *
US-PATENT-CLASS-16-294 ..... c 18 N87-14373 *
US-PATENT-CLASS-16-297 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-326 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-332 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-345 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-347 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-349 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-370 ..... c 18 N87-14373 *
US-PATENT-CLASS-16-390 ..... c 31 N86-19479 *
US-PATENT-CLASS-160-23R ..... c 37 N87-17036 *
US-PATENT-CLASS-160-265 ..... c 37 N87-17036 *
US-PATENT-CLASS-161-115 ..... c 18 N70-41583 *
US-PATENT-CLASS-161-116 ..... c 37 N74-23064 *
US-PATENT-CLASS-161-127 ..... c 18 N72-25540 *
US-PATENT-CLASS-161-127 ..... c 18 N72-25541 *
US-PATENT-CLASS-161-161 ..... c 33 N71-25351 *
US-PATENT-CLASS-161-182 ..... c 15 N69-39735 * #
US-PATENT-CLASS-161-182 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-189 ..... c 23 N71-15978 *
US-PATENT-CLASS-161-192 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-196 ..... c 37 N74-21063 *
US-PATENT-CLASS-161-214 ..... c 06 N73-27980 *
US-PATENT-CLASS-161-227 ..... c 06 N73-27980 *
US-PATENT-CLASS-161-42 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-43 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-67 ..... c 33 N72-17947 *
US-PATENT-CLASS-161-68 ..... c 18 N71-21651 *
US-PATENT-CLASS-161-68 ..... c 18 N72-25540 *
US-PATENT-CLASS-161-68 ..... c 18 N72-25541 *
US-PATENT-CLASS-161-69 ..... c 33 N71-24858 *
US-PATENT-CLASS-161-7 ..... c 18 N72-25540 *
US-PATENT-CLASS-161-7 ..... c 18 N72-25541 *
US-PATENT-CLASS-161-89 ..... c 17 N71-28747 *
US-PATENT-CLASS-161-92 ..... c 37 N75-26371 *
US-PATENT-CLASS-161-93 ..... c 18 N73-12604 *
US-PATENT-CLASS-161-93 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-93 ..... c 37 N75-26371 *
US-PATENT-CLASS-162-102 ..... c 24 N76-14204 *
US-PATENT-CLASS-162-14 ..... c 85 N79-17747 *
US-PATENT-CLASS-162-153 ..... c 24 N76-14204 *
US-PATENT-CLASS-162-222 ..... c 24 N76-14204 *
US-PATENT-CLASS-162-228 ..... c 24 N76-14204 *
US-PATENT-CLASS-162-29 ..... c 85 N79-17747 *

US-PATENT-CLASS-162-50 ..... c 25 N93-22036 *
US-PATENT-CLASS-162-72 ..... c 25 N93-22036 *
US-PATENT-CLASS-162-76 ..... c 25 N93-22036 *
US-PATENT-CLASS-164-105 ..... c 20 N79-21123 *
US-PATENT-CLASS-164-113 ..... c 31 N90-21216 *
US-PATENT-CLASS-164-119 ..... c 24 N84-16262 *
US-PATENT-CLASS-164-122.1 .... c 26 N91-14462 *
US-PATENT-CLASS-164-132 ..... c 37 N76-23570 *
US-PATENT-CLASS-164-284 ..... c 31 N90-21216 *
US-PATENT-CLASS-164-331.12 .. c 27 N83-34041 *
US-PATENT-CLASS-164-338.1 .... c 26 N91-14462 *
US-PATENT-CLASS-164-60 ..... c 24 N77-27187 *
US-PATENT-CLASS-165-DIG.6 .... c 34 N84-22903 *
US-PATENT-CLASS-165-104.14 .. c 05 N81-26114 *
US-PATENT-CLASS-165-104.14 .. c 34 N85-29179 *
US-PATENT-CLASS-165-104.14 .. c 34 N86-27593 *
US-PATENT-CLASS-165-104.14 .. c 34 N87-22950 *
US-PATENT-CLASS-165-104.14 .. c 34 N88-23958 *
US-PATENT-CLASS-165-104.14 .. c 34 N89-14392 *
US-PATENT-CLASS-165-104.14 .. c 34 N91-21473 *
US-PATENT-CLASS-165-104.14 .. c 34 N92-29125 *
US-PATENT-CLASS-165-104.17 .. c 34 N94-20371 *
US-PATENT-CLASS-165-104.22 .. c 34 N92-29125 *
US-PATENT-CLASS-165-104.25 .. c 34 N87-22950 *
US-PATENT-CLASS-165-104.26 .. c 74 N83-19596 *
US-PATENT-CLASS-165-104.26 .. c 34 N83-35307 *
US-PATENT-CLASS-165-104.26 .. c 34 N85-21568 *
US-PATENT-CLASS-165-104.26 .. c 34 N85-29180 *
US-PATENT-CLASS-165-104.26 .. c 34 N86-27593 *
US-PATENT-CLASS-165-104.26 .. c 34 N87-22950 *
US-PATENT-CLASS-165-104.26 .. c 34 N88-29133 *
US-PATENT-CLASS-165-104.26 .. c 34 N89-14392 *
US-PATENT-CLASS-165-104.26 .. c 27 N90-23541 *
US-PATENT-CLASS-165-104.26 .. c 31 N90-23587 *
US-PATENT-CLASS-165-104.31 .. c 31 N91-15424 *
US-PATENT-CLASS-165-104.31 .. c 34 N92-28752 *
US-PATENT-CLASS-165-104.31 .. c 34 N94-20495 *
US-PATENT-CLASS-165-104.34 .. c 34 N92-28752 *
US-PATENT-CLASS-165-104 ..... c 33 N71-25353 *
US-PATENT-CLASS-165-104 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-105 ..... c 09 N71-24807 *
US-PATENT-CLASS-165-105 ..... c 33 N71-25353 *
US-PATENT-CLASS-165-105 ..... c 33 N72-17948 *
US-PATENT-CLASS-165-105 ..... c 31 N73-30829 *
US-PATENT-CLASS-165-105 ..... c 28 N73-32606 *
US-PATENT-CLASS-165-105 ..... c 34 N74-18552 *
US-PATENT-CLASS-165-105 ..... c 34 N75-12222 *
US-PATENT-CLASS-165-105 ..... c 44 N75-32581 *
US-PATENT-CLASS-165-105 ..... c 44 N76-16612 *
US-PATENT-CLASS-165-105 ..... c 34 N76-17317 *
US-PATENT-CLASS-165-105 ..... c 34 N76-27515 *
US-PATENT-CLASS-165-105 ..... c 34 N77-32413 *
US-PATENT-CLASS-165-105 ..... c 25 N78-10224 *
US-PATENT-CLASS-165-105 ..... c 34 N78-17336 *
US-PATENT-CLASS-165-105 ..... c 34 N78-17337 *
US-PATENT-CLASS-165-105 ..... c 44 N79-18443 *
US-PATENT-CLASS-165-105 ..... c 37 N79-28549 *
US-PATENT-CLASS-165-105 ..... c 34 N79-31523 *
US-PATENT-CLASS-165-105 ..... c 35 N81-14287 *
US-PATENT-CLASS-165-106 ..... c 33 N73-32818 *
US-PATENT-CLASS-165-106 ..... c 34 N76-17317 *
US-PATENT-CLASS-165-107 ..... c 09 N71-24807 *
US-PATENT-CLASS-165-107 ..... c 44 N77-32581 *
US-PATENT-CLASS-165-109.1 .... c 34 N92-28752 *
US-PATENT-CLASS-165-109.1 .... c 34 N94-20495 *
US-PATENT-CLASS-165-109 ..... c 35 N74-15093 *
US-PATENT-CLASS-165-10 ..... c 44 N76-31667 *
US-PATENT-CLASS-165-10 ..... c 34 N94-20371 *
US-PATENT-CLASS-165-110 ..... c 77 N75-20139 *
US-PATENT-CLASS-165-110 ..... c 34 N92-28752 *
US-PATENT-CLASS-165-110 ..... c 34 N94-20495 *
US-PATENT-CLASS-165-111 ..... c 77 N75-20139 *
US-PATENT-CLASS-165-12 ..... c 33 N71-24276 *
US-PATENT-CLASS-165-12 ..... c 34 N83-34221 *
US-PATENT-CLASS-165-133 ..... c 33 N71-16277 *
US-PATENT-CLASS-165-133 ..... c 33 N71-25353 *
US-PATENT-CLASS-165-133 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-133 ..... c 44 N76-23675 *
US-PATENT-CLASS-165-133 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-134R .... c 74 N83-19596 *
US-PATENT-CLASS-165-134 ..... c 34 N78-17336 *
US-PATENT-CLASS-165-135 ..... c 34 N84-22903 *
US-PATENT-CLASS-165-138 ..... c 09 N71-24807 *
US-PATENT-CLASS-165-13 ..... c 34 N88-23958 *
US-PATENT-CLASS-165-141 ..... c 28 N73-32606 *
US-PATENT-CLASS-165-146 ..... c 34 N79-13289 *
US-PATENT-CLASS-165-155 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-156 ..... c 25 N90-11824 *
US-PATENT-CLASS-165-158 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-161 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-164 ..... c 34 N77-10463 *
US-PATENT-CLASS-165-166 ..... c 54 N77-32722 *
US-PATENT-CLASS-165-169 ..... c 34 N79-13288 *
US-PATENT-CLASS-165-169 ..... c 34 N79-13289 *
US-PATENT-CLASS-165-16 ..... c 31 N80-32583 *
US-PATENT-CLASS-165-170 ..... c 34 N77-10463 *

US-PATENT-CLASS-165-170 ..... c 34 N88-29132 *
US-PATENT-CLASS-165-174 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-180 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-185 ..... c 28 N73-32606 *
US-PATENT-CLASS-165-185 ..... c 34 N83-28356 *
US-PATENT-CLASS-165-185 ..... c 31 N91-27385 *
US-PATENT-CLASS-165-185 ..... c 24 N93-29614 *
US-PATENT-CLASS-165-185 ..... c 24 N94-35076 *
US-PATENT-CLASS-165-1 ..... c 09 N70-41717 *
US-PATENT-CLASS-165-1 ..... c 34 N75-12222 *
US-PATENT-CLASS-165-1 ..... c 34 N85-29180 *
US-PATENT-CLASS-165-1 ..... c 34 N87-22950 *
US-PATENT-CLASS-165-1 ..... c 34 N88-23958 *
US-PATENT-CLASS-165-1 ..... c 31 N91-27385 *
US-PATENT-CLASS-165-1 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-20 ..... c 03 N72-28025 *
US-PATENT-CLASS-165-20 ..... c 35 N91-21496 *
US-PATENT-CLASS-165-2 ..... c 33 N71-24876 *
US-PATENT-CLASS-165-2 ..... c 35 N74-15093 *
US-PATENT-CLASS-165-2 ..... c 44 N77-32581 *
US-PATENT-CLASS-165-2 ..... c 44 N78-17460 *
US-PATENT-CLASS-165-2 ..... c 51 N79-10694 *
US-PATENT-CLASS-165-2 ..... c 27 N83-36220 *
US-PATENT-CLASS-165-30 ..... c 51 N79-10694 *
US-PATENT-CLASS-165-30 ..... c 31 N79-17029 *
US-PATENT-CLASS-165-30 ..... c 35 N86-20750 *
US-PATENT-CLASS-165-32 ..... c 31 N73-30829 *
US-PATENT-CLASS-165-32 ..... c 33 N73-32818 *
US-PATENT-CLASS-165-32 ..... c 34 N78-17337 *
US-PATENT-CLASS-165-32 ..... c 34 N79-31523 *
US-PATENT-CLASS-165-32 ..... c 44 N80-20810 *
US-PATENT-CLASS-165-32 ..... c 33 N82-24419 *
US-PATENT-CLASS-165-32 ..... c 34 N83-28356 *
US-PATENT-CLASS-165-32 ..... c 34 N83-35307 *
US-PATENT-CLASS-165-32 ..... c 34 N84-14461 *
US-PATENT-CLASS-165-32 ..... c 34 N85-29179 *
US-PATENT-CLASS-165-32 ..... c 34 N90-21999 *
US-PATENT-CLASS-165-34 ..... c 34 N87-22950 *
US-PATENT-CLASS-165-3 ..... c 03 N72-28025 *
US-PATENT-CLASS-165-41 ..... c 34 N84-14461 *
US-PATENT-CLASS-165-41 ..... c 34 N86-27593 *
US-PATENT-CLASS-165-41 ..... c 34 N88-23958 *
US-PATENT-CLASS-165-41 ..... c 35 N89-12048 *
US-PATENT-CLASS-165-41 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-41 ..... c 27 N90-23541 *
US-PATENT-CLASS-165-41 ..... c 31 N90-23587 *
US-PATENT-CLASS-165-41 ..... c 31 N91-15424 *
US-PATENT-CLASS-165-41 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-41 ..... c 34 N92-28752 *
US-PATENT-CLASS-165-41 ..... c 34 N92-29125 *
US-PATENT-CLASS-165-41 ..... c 37 N94-20127 *
US-PATENT-CLASS-165-44 ..... c 15 N71-26611 *
US-PATENT-CLASS-165-46 ..... c 05 N71-19439 *
US-PATENT-CLASS-165-46 ..... c 05 N71-24147 *
US-PATENT-CLASS-165-46 ..... c 05 N73-20137 *
US-PATENT-CLASS-165-46 ..... c 05 N73-26071 *
US-PATENT-CLASS-165-46 ..... c 54 N82-29002 *
US-PATENT-CLASS-165-46 ..... c 34 N90-21999 *
US-PATENT-CLASS-165-47 ..... c 33 N71-29052 *
US-PATENT-CLASS-165-47 ..... c 31 N73-30829 *
US-PATENT-CLASS-165-47 ..... c 34 N75-12222 *
US-PATENT-CLASS-165-48.2 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-48R ..... c 35 N85-29214 *
US-PATENT-CLASS-165-4 ..... c 34 N92-28752 *
US-PATENT-CLASS-165-58 ..... c 27 N83-36220 *
US-PATENT-CLASS-165-61 ..... c 34 N83-34221 *
US-PATENT-CLASS-165-61 ..... c 35 N85-29214 *
US-PATENT-CLASS-165-61 ..... c 35 N86-20750 *
US-PATENT-CLASS-165-61 ..... c 31 N89-12785 *
US-PATENT-CLASS-165-64 ..... c 35 N85-29214 *
US-PATENT-CLASS-165-65 ..... c 35 N86-20750 *
US-PATENT-CLASS-165-76 ..... c 34 N83-28356 *
US-PATENT-CLASS-165-76 ..... c 37 N86-32736 * #
US-PATENT-CLASS-165-78 ..... c 34 N90-21999 *
US-PATENT-CLASS-165-78 ..... c 34 N94-20371 *
US-PATENT-CLASS-165-80E ..... c 34 N83-34221 *
US-PATENT-CLASS-165-81 ..... c 34 N88-29132 *
US-PATENT-CLASS-165-81 ..... c 25 N90-11824 *
US-PATENT-CLASS-165-83 ..... c 25 N90-11824 *
US-PATENT-CLASS-165-86 ..... c 15 N71-26611 *
US-PATENT-CLASS-165-86 ..... c 33 N71-29046 *
US-PATENT-CLASS-165-86 ..... c 34 N91-21473 *
US-PATENT-CLASS-165-86 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-903 ..... c 34 N94-20495 *
US-PATENT-CLASS-165-904 ..... c 35 N89-12048 *
US-PATENT-CLASS-165-904 ..... c 31 N91-15424 *
US-PATENT-CLASS-165-904 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-904 ..... c 37 N94-20127 *
US-PATENT-CLASS-165-905 ..... c 34 N88-29133 *
US-PATENT-CLASS-165-905 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-905 ..... c 27 N90-23541 *
US-PATENT-CLASS-165-913 ..... c 34 N94-20495 *
US-PATENT-CLASS-165-96 ..... c 33 N70-36847 *
US-PATENT-CLASS-165-96 ..... c 33 N71-22890 *
US-PATENT-CLASS-165-96 ..... c 31 N73-30829 *
US-PATENT-CLASS-165-96 ..... c 33 N73-32818 *

US-PATENT-CLASS-165-96 ..... c 34 N78-17337 *
US-PATENT-CLASS-165-96 ..... c 34 N84-14461 *
US-PATENT-CLASS-165-96 ..... c 31 N89-12785 *
US-PATENT-CLASS-165-96 ..... c 34 N90-21999 *
US-PATENT-CLASS-165-96 ..... c 34 N91-21473 *
US-PATENT-CLASS-165-97 ..... c 34 N94-20495 *
US-PATENT-CLASS-166-222 ..... c 43 N81-26509 *
US-PATENT-CLASS-166-248 ..... c 43 N78-14452 *
US-PATENT-CLASS-166-259 ..... c 43 N78-14452 *
US-PATENT-CLASS-166-267 ..... c 25 N82-23282 *
US-PATENT-CLASS-166-303 ..... c 25 N82-23282 *
US-PATENT-CLASS-166-343 ..... c 18 N90-20126 *
US-PATENT-CLASS-166-63 ..... c 46 N79-22679 *
US-PATENT-CLASS-166-77 ..... c 43 N81-26509 *
US-PATENT-CLASS-169-28 ..... c 12 N72-21310 *
US-PATENT-CLASS-169-36 ..... c 12 N72-21310 *
US-PATENT-CLASS-169-47 ..... c 25 N83-36118 *
US-PATENT-CLASS-169-62 ..... c 31 N81-14137 *
US-PATENT-CLASS-169-70 ..... c 31 N81-14137 *
US-PATENT-CLASS-173-131 ..... c 15 N73-13463 *
US-PATENT-CLASS-173-132 ..... c 37 N76-18454 *
US-PATENT-CLASS-174-DIG.6 .... c 26 N73-26752 *
US-PATENT-CLASS-174-DIG.6 .... c 26 N73-32571 *
US-PATENT-CLASS-174-DIG.8 .... c 33 N74-22865 *
US-PATENT-CLASS-174-106R .... c 09 N72-22198 *
US-PATENT-CLASS-174-110.3 .... c 14 N71-27186 *
US-PATENT-CLASS-174-111 ..... c 33 N74-27683 *
US-PATENT-CLASS-174-115 ..... c 09 N70-38201 *
US-PATENT-CLASS-174-117FF .. c 09 N72-22198 *
US-PATENT-CLASS-174-126CP .. c 26 N73-32571 *
US-PATENT-CLASS-174-142 ..... c 33 N80-18286 *
US-PATENT-CLASS-174-145 ..... c 33 N76-16332 *
US-PATENT-CLASS-174-148 ..... c 33 N76-16332 *
US-PATENT-CLASS-174-15CA .... c 31 N79-17029 *
US-PATENT-CLASS-174-15C ..... c 33 N74-27683 *
US-PATENT-CLASS-174-16.3 ..... c 24 N93-29614 *
US-PATENT-CLASS-174-18 ..... c 09 N69-21542 * #
US-PATENT-CLASS-174-28 ..... c 07 N71-27191 *
US-PATENT-CLASS-174-28 ..... c 33 N74-27683 *
US-PATENT-CLASS-174-35 ..... c 07 N71-19436 *
US-PATENT-CLASS-174-36 ..... c 09 N72-22198 *
US-PATENT-CLASS-174-52-PE ... c 33 N88-23941 *
US-PATENT-CLASS-174-52-R ..... c 33 N88-23941 *
US-PATENT-CLASS-174-52-S ..... c 33 N88-23941 *
US-PATENT-CLASS-174-52S ..... c 15 N73-14469 *
US-PATENT-CLASS-174-68.5 ..... c 15 N70-41960 *
US-PATENT-CLASS-174-69 ..... c 33 N74-22865 *
US-PATENT-CLASS-174-70R ..... c 33 N74-22865 *
US-PATENT-CLASS-174-72 ..... c 03 N69-21539 * #
US-PATENT-CLASS-174-73R ..... c 33 N80-18286 *
US-PATENT-CLASS-174-84 ..... c 15 N72-17455 *
US-PATENT-CLASS-175-1 ..... c 46 N79-22679 *
US-PATENT-CLASS-175-26 ..... c 15 N73-32362 *
US-PATENT-CLASS-175-310 ..... c 15 N70-42034 *
US-PATENT-CLASS-175-323 ..... c 14 N69-21923 * #
US-PATENT-CLASS-175-45 ..... c 35 N84-33768 *
US-PATENT-CLASS-175-78 ..... c 46 N80-10709 *
US-PATENT-CLASS-176-11 ..... c 24 N72-33681 *
US-PATENT-CLASS-176-11 ..... c 25 N76-27383 *
US-PATENT-CLASS-176-11 ..... c 25 N76-29379 *
US-PATENT-CLASS-176-11 ..... c 25 N78-27226 *
US-PATENT-CLASS-176-14 ..... c 25 N76-29379 *
US-PATENT-CLASS-176-169 ..... c 22 N73-32528 *
US-PATENT-CLASS-176-16 ..... c 25 N76-27383 *
US-PATENT-CLASS-176-16 ..... c 25 N76-29379 *
US-PATENT-CLASS-176-16 ..... c 25 N78-27226 *
US-PATENT-CLASS-176-22 ..... c 73 N78-28913 *
US-PATENT-CLASS-176-33 ..... c 73 N78-28913 *
US-PATENT-CLASS-176-39 ..... c 73 N78-19920 *
US-PATENT-CLASS-176-39 ..... c 73 N78-28913 *
US-PATENT-CLASS-176-3 ..... c 75 N75-13625 *
US-PATENT-CLASS-176-45 ..... c 22 N71-28759 *
US-PATENT-CLASS-176-86G ..... c 22 N72-20597 *
US-PATENT-CLASS-177-147 ..... c 35 N85-20294 *
US-PATENT-CLASS-177-1 ..... c 35 N77-19385 *
US-PATENT-CLASS-177-200 ..... c 35 N74-26945 *
US-PATENT-CLASS-177-208 ..... c 35 N77-19385 *
US-PATENT-CLASS-177-210 ..... c 14 N71-10773 *
US-PATENT-CLASS-177-211 ..... c 35 N74-26945 *
US-PATENT-CLASS-177-246 ..... c 35 N74-26945 *
US-PATENT-CLASS-177-260 ..... c 35 N85-20294 *
US-PATENT-CLASS-178-DIG.12 . c 07 N72-12081 *
US-PATENT-CLASS-178-DIG.12 . c 32 N75-21485 *
US-PATENT-CLASS-178-DIG.1 .... c 36 N74-20009 *
US-PATENT-CLASS-178-DIG.1 .... c 33 N75-30431 *
US-PATENT-CLASS-178-DIG.1 .... c 45 N76-17656 *
US-PATENT-CLASS-178-DIG.20 c 18 N76-14186 *
US-PATENT-CLASS-178-DIG.20 . c 23 N72-27728 *
US-PATENT-CLASS-178-DIG.20 . c 35 N75-19613 *
US-PATENT-CLASS-178-DIG.21 . c 16 N72-13437 *
US-PATENT-CLASS-178-DIG.23 . c 07 N73-30115 *
US-PATENT-CLASS-178-DIG.25 . c 74 N75-25706 *
US-PATENT-CLASS-178-DIG.28 . c 08 N72-22164 *
US-PATENT-CLASS-178-DIG.29 . c 35 N75-25123 *
US-PATENT-CLASS-178-DIG.32 . c 71 N74-21014 *
US-PATENT-CLASS-178-DIG.35 . c 09 N76-24280 *

US-PATENT-CLASS-178-DIG.36 . c 08 N72-22164 *
US-PATENT-CLASS-178-DIG.6 .... c 10 N73-13235 *
US-PATENT-CLASS-178-DIG.8 .... c 14 N72-25412 *
US-PATENT-CLASS-178-DIG.8 .... c 45 N76-17656 *
US-PATENT-CLASS-178-15 ..... c 33 N75-19517 *
US-PATENT-CLASS-178-18 ..... c 10 N73-32143 *
US-PATENT-CLASS-178-22.16 .... c 32 N82-31583 *
US-PATENT-CLASS-178-22.17 .... c 32 N82-31583 *
US-PATENT-CLASS-178-5.2R ..... c 09 N71-28618 *
US-PATENT-CLASS-178-5.2R ..... c 07 N72-17109 *
US-PATENT-CLASS-178-5.4 ..... c 07 N72-17109 *
US-PATENT-CLASS-178-5.8R ..... c 71 N74-21014 *
US-PATENT-CLASS-178-50 ..... c 08 N72-18184 *
US-PATENT-CLASS-178-50 ..... c 08 N72-25208 *
US-PATENT-CLASS-178-52 ..... c 08 N72-22162 *
US-PATENT-CLASS-178-54CF .... c 09 N71-28618 *
US-PATENT-CLASS-178-54PE .... c 09 N71-28618 *
US-PATENT-CLASS-178-58A ..... c 32 N75-21486 *
US-PATENT-CLASS-178-58R ..... c 32 N80-18252 *
US-PATENT-CLASS-178-6.5 ..... c 23 N72-27728 *
US-PATENT-CLASS-178-6.6DD ... c 07 N73-30115 *
US-PATENT-CLASS-178-6.6DD ... c 35 N74-11283 *
US-PATENT-CLASS-178-6.6 ..... c 07 N71-11300 *
US-PATENT-CLASS-178-6.6 ..... c 07 N71-26102 *
US-PATENT-CLASS-178-6.7R ..... c 35 N74-15831 *
US-PATENT-CLASS-178-6.7 ..... c 07 N72-17109 *
US-PATENT-CLASS-178-6.8 ..... c 08 N72-22164 *
US-PATENT-CLASS-178-6.8 ..... c 14 N72-25412 *
US-PATENT-CLASS-178-6.8 ..... c 07 N73-30115 *
US-PATENT-CLASS-178-6.8 ..... c 33 N75-30431 *
US-PATENT-CLASS-178-6.8 ..... c 45 N76-17656 *
US-PATENT-CLASS-178-66R ..... c 32 N75-24981 *
US-PATENT-CLASS-178-66 ..... c 09 N71-25866 *
US-PATENT-CLASS-178-66 ..... c 08 N72-18184 *
US-PATENT-CLASS-178-67 ..... c 08 N70-41961 *
US-PATENT-CLASS-178-67 ..... c 32 N74-26654 *
US-PATENT-CLASS-178-69.1 ..... c 32 N78-15323 *
US-PATENT-CLASS-178-69.4R ... c 32 N74-10132 *
US-PATENT-CLASS-178-69.5R ... c 07 N72-20140 *
US-PATENT-CLASS-178-69.5R ... c 32 N75-26195 *
US-PATENT-CLASS-178-69.5R ... c 33 N76-14371 *
US-PATENT-CLASS-178-69.5R ... c 60 N77-19760 *
US-PATENT-CLASS-178-69.5 ..... c 07 N71-11281 *
US-PATENT-CLASS-178-69.5 ..... c 10 N71-19468 *
US-PATENT-CLASS-178-69.5 ..... c 10 N71-25865 *
US-PATENT-CLASS-178-69.5 ..... c 10 N71-33407 *
US-PATENT-CLASS-178-69.5 ..... c 07 N72-25173 *
US-PATENT-CLASS-178-69.5 ..... c 07 N73-13149 *
US-PATENT-CLASS-178-69.5 ..... c 09 N73-28084 *
US-PATENT-CLASS-178-69.5 ..... c 17 N76-22245 *
US-PATENT-CLASS-178-69A ..... c 35 N75-21582 *
US-PATENT-CLASS-178-69C ..... c 32 N76-16249 *
US-PATENT-CLASS-178-6 ..... c 07 N71-19433 *
US-PATENT-CLASS-178-6 ..... c 09 N71-19449 *
US-PATENT-CLASS-178-6 ..... c 07 N71-23026 *
US-PATENT-CLASS-178-6 ..... c 07 N71-26579 *
US-PATENT-CLASS-178-6 ..... c 07 N72-12081 *
US-PATENT-CLASS-178-6 ..... c 16 N72-13437 *
US-PATENT-CLASS-178-6 ..... c 10 N73-13235 *
US-PATENT-CLASS-178-6 ..... c 36 N74-20009 *
US-PATENT-CLASS-178-7.1 ..... c 07 N71-24612 *
US-PATENT-CLASS-178-7.1 ..... c 07 N71-27341 *
US-PATENT-CLASS-178-7.1 ..... c 09 N72-17156 *
US-PATENT-CLASS-178-7.1 ..... c 32 N74-19790 *
US-PATENT-CLASS-178-7.1 ..... c 36 N75-19652 *
US-PATENT-CLASS-178-7.2R ..... c 08 N72-22164 *
US-PATENT-CLASS-178-7.2 ..... c 14 N70-41807 *
US-PATENT-CLASS-178-7.2 ..... c 71 N74-21014 *
US-PATENT-CLASS-178-7.2 ..... c 35 N75-25123 *
US-PATENT-CLASS-178-7.3 ..... c 07 N71-27341 *
US-PATENT-CLASS-178-7.3 ..... c 07 N72-12081 *
US-PATENT-CLASS-178-7.5E ..... c 10 N72-31273 *
US-PATENT-CLASS-178-7.6 ..... c 36 N74-20009 *
US-PATENT-CLASS-178-7.7 ..... c 09 N71-12539 *
US-PATENT-CLASS-178-7.7 ..... c 32 N74-20813 *
US-PATENT-CLASS-178-7.89 ..... c 09 N76-24280 *
US-PATENT-CLASS-178-7.92 ..... c 14 N72-25414 *
US-PATENT-CLASS-178-79 ..... c 32 N75-21486 *
US-PATENT-CLASS-178-88 ..... c 07 N71-12392 *
US-PATENT-CLASS-178-88 ..... c 33 N74-12887 *
US-PATENT-CLASS-178-88 ..... c 32 N74-20809 *
US-PATENT-CLASS-178-88 ..... c 33 N74-27705 *
US-PATENT-CLASS-178-88 ..... c 33 N76-14371 *
US-PATENT-CLASS-178-88 ..... c 32 N76-16249 *
US-PATENT-CLASS-178-88 ..... c 32 N77-10392 *
US-PATENT-CLASS-178-88 ..... c 32 N77-24331 *
US-PATENT-CLASS-179-1DM ..... c 71 N79-23753 *
US-PATENT-CLASS-179-1MF ..... c 71 N79-23753 *
US-PATENT-CLASS-179-1MN ..... c 32 N79-23310 *
US-PATENT-CLASS-179-1P ..... c 10 N73-12244 *
US-PATENT-CLASS-179-1R ..... c 07 N71-33108 *
US-PATENT-CLASS-179-1SA ..... c 10 N73-25240 *
US-PATENT-CLASS-179-1SA ..... c 32 N76-31372 *
US-PATENT-CLASS-179-1SA ..... c 32 N77-30309 *
US-PATENT-CLASS-179-1SP ..... c 32 N77-30309 *
US-PATENT-CLASS-179-1VC ..... c 07 N71-33108 *

US-PATENT-CLASS-179-100.2A . c 21 N73-13644 *
US-PATENT-CLASS-179-100.2A . c 32 N74-27612 *
US-PATENT-CLASS-179-100.2B . c 32 N74-27612 *
US-PATENT-CLASS-179-100.2CH c 36 N74-13205 *
US-PATENT-CLASS-179-100.2CH c 35 N78-29421 *
US-PATENT-CLASS-179-100.2CH c 35 N79-16246 *
US-PATENT-CLASS-179-100.2C . c 35 N77-21392 *
US-PATENT-CLASS-179-100.2K . c 07 N72-21119 *
US-PATENT-CLASS-179-100.2MD c 35 N74-11283 *
US-PATENT-CLASS-179-100.2T .. c 35 N74-11283 *
US-PATENT-CLASS-179-100.2 .... c 09 N69-24329 * #
US-PATENT-CLASS-179-100.2 .... c 09 N71-25866 *
US-PATENT-CLASS-179-100.2 .... c 08 N71-27210 *
US-PATENT-CLASS-179-100.2 .... c 08 N71-27255 *
US-PATENT-CLASS-179-100-2CA c 09 N72-11224 *
US-PATENT-CLASS-179-100-2MD c 09 N72-11224 *
US-PATENT-CLASS-179-107R .... c 33 N78-10375 *
US-PATENT-CLASS-179-15.55R . c 08 N72-11171 *
US-PATENT-CLASS-179-15.55R . c 08 N72-33172 *
US-PATENT-CLASS-179-15AN .... c 07 N73-16121 *
US-PATENT-CLASS-179-15AT .... c 32 N74-30524 *
US-PATENT-CLASS-179-15A ..... c 08 N72-22162 *
US-PATENT-CLASS-179-15A ..... c 07 N73-26118 *
US-PATENT-CLASS-179-15BA .... c 60 N77-12721 *
US-PATENT-CLASS-179-15BA .... c 32 N80-18252 *
US-PATENT-CLASS-179-15BC .... c 08 N72-25208 *
US-PATENT-CLASS-179-15BC .... c 07 N73-16121 *
US-PATENT-CLASS-179-15BC .... c 32 N74-30523 *
US-PATENT-CLASS-179-15BC .... c 33 N75-26243 *
US-PATENT-CLASS-179-15BL .... c 08 N72-22162 *
US-PATENT-CLASS-179-15BM .... c 07 N73-26118 *
US-PATENT-CLASS-179-15BS .... c 10 N71-33407 *
US-PATENT-CLASS-179-15BS .... c 07 N72-20140 *
US-PATENT-CLASS-179-15BS .... c 07 N73-30115 *
US-PATENT-CLASS-179-15BS .... c 32 N75-26195 *
US-PATENT-CLASS-179-15BS .... c 60 N77-19760 *
US-PATENT-CLASS-179-15BV .... c 07 N72-25172 *
US-PATENT-CLASS-179-15BY .... c 32 N74-30524 *
US-PATENT-CLASS-179-15FD .... c 08 N72-25208 *
US-PATENT-CLASS-179-15FS .... c 07 N73-28012 *
US-PATENT-CLASS-179-15 ..... c 07 N69-39978 * #
US-PATENT-CLASS-179-15 ..... c 07 N71-20814 *
US-PATENT-CLASS-179-15 ..... c 07 N71-24621 *
US-PATENT-CLASS-179-15 ..... c 07 N71-24622 *
US-PATENT-CLASS-179-15 ..... c 08 N72-18184 *
US-PATENT-CLASS-179-175.1A . c 14 N73-27379 *
US-PATENT-CLASS-179-175.1A . c 33 N78-10375 *
US-PATENT-CLASS-179-18BC .... c 32 N86-27513 *
US-PATENT-CLASS-179-18GF .... c 33 N82-29538 *
US-PATENT-CLASS-179-1 ..... c 07 N71-26181 *
US-PATENT-CLASS-179-1 ..... c 31 N71-33160 *
US-PATENT-CLASS-179-27CA .... c 32 N79-23310 *
US-PATENT-CLASS-179-78 ..... c 33 N81-27397 *
US-PATENT-CLASS-179-84VF .... c 32 N79-23310 *
US-PATENT-CLASS-179-91R ..... c 74 N78-14889 *
US-PATENT-CLASS-18-26 ..... c 06 N71-22975 *
US-PATENT-CLASS-18-39 ..... c 27 N70-34783 *
US-PATENT-CLASS-18-6 ..... c 15 N71-26721 *
US-PATENT-CLASS-180-105E .... c 11 N72-20244 *
US-PATENT-CLASS-180-118 ..... c 31 N71-15689 *
US-PATENT-CLASS-180-121 ..... c 31 N71-15689 *
US-PATENT-CLASS-180-125 ..... c 15 N72-17451 *
US-PATENT-CLASS-180-127 ..... c 15 N72-17451 *
US-PATENT-CLASS-180-168 ..... c 35 N84-33769 *
US-PATENT-CLASS-180-19.2 ..... c 85 N87-21755 *
US-PATENT-CLASS-180-305 ..... c 85 N87-21755 *
US-PATENT-CLASS-180-41 ..... c 11 N73-26238 *
US-PATENT-CLASS-180-6.5 ..... c 11 N73-26238 *
US-PATENT-CLASS-180-7.1 ..... c 37 N94-20494 * #
US-PATENT-CLASS-180-7R ..... c 11 N73-26238 *
US-PATENT-CLASS-180-79.3 ..... c 37 N74-18125 *
US-PATENT-CLASS-180-8.6 ..... c 18 N88-23828 *
US-PATENT-CLASS-180-8A ..... c 11 N73-26238 *
US-PATENT-CLASS-180-9.2R .... c 11 N73-26238 *
US-PATENT-CLASS-180-9.5 ..... c 11 N73-26238 *
US-PATENT-CLASS-181.5R ..... c 71 N74-31148 *
US-PATENT-CLASS-181-.5 ..... c 11 N71-28779 *
US-PATENT-CLASS-181-0.5 ..... c 71 N85-30765 *
US-PATENT-CLASS-181-0.5 ..... c 71 N88-24241 *
US-PATENT-CLASS-181-0.5 ..... c 31 N90-21215 *
US-PATENT-CLASS-181-0.5 ..... c 71 N91-14808 *
US-PATENT-CLASS-181-102 ..... c 39 N80-10507 *
US-PATENT-CLASS-181-102 ..... c 31 N80-32584 *
US-PATENT-CLASS-181-105 ..... c 39 N80-10507 *
US-PATENT-CLASS-181-106 ..... c 46 N79-22679 *
US-PATENT-CLASS-181-115 ..... c 46 N79-23555 *
US-PATENT-CLASS-181-117 ..... c 46 N79-22679 *
US-PATENT-CLASS-181-120 ..... c 46 N79-23555 *
US-PATENT-CLASS-181-121 ..... c 35 N84-22933 *
US-PATENT-CLASS-181-148 ..... c 71 N79-23753 *
US-PATENT-CLASS-181-190 ..... c 71 N79-14871 *
US-PATENT-CLASS-181-206 ..... c 71 N91-27913 *
US-PATENT-CLASS-181-213 ..... c 71 N79-14871 *
US-PATENT-CLASS-181-213 ..... c 07 N83-33884 *
US-PATENT-CLASS-181-214 ..... c 07 N81-14999 *
US-PATENT-CLASS-181-214 ..... c 71 N82-16800 *

US-PATENT-CLASS-181-222 ..... c 71 N79-14871 *
US-PATENT-CLASS-181-286 ..... c 24 N90-21822 *
US-PATENT-CLASS-181-286 ..... c 71 N91-27913 *
US-PATENT-CLASS-181-290 ..... c 24 N90-21822 *
US-PATENT-CLASS-181-290 ..... c 71 N91-27913 *
US-PATENT-CLASS-181-293 ..... c 71 N79-14871 *
US-PATENT-CLASS-181-295 ..... c 71 N91-27913 *
US-PATENT-CLASS-181-33C ..... c 07 N74-32418 *
US-PATENT-CLASS-181-33F ..... c 07 N74-32418 *
US-PATENT-CLASS-181-33HB .... c 07 N74-27490 *
US-PATENT-CLASS-181-33HC .... c 07 N74-33218 *
US-PATENT-CLASS-181-33HC .... c 07 N76-18117 *
US-PATENT-CLASS-181-33H ..... c 07 N74-32418 *
US-PATENT-CLASS-181-33L ..... c 07 N74-32418 *
US-PATENT-CLASS-181-42 ..... c 07 N74-32418 *
US-PATENT-CLASS-181-43 ..... c 07 N74-15453 *
US-PATENT-CLASS-181-52 ..... c 28 N70-41582 *
US-PATENT-CLASS-182-103 ..... c 18 N89-12621 *
US-PATENT-CLASS-182-10 ..... c 15 N71-27067 *
US-PATENT-CLASS-182-129 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-134 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-141 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-152 ..... c 31 N87-25492 *
US-PATENT-CLASS-182-178 ..... c 39 N76-31562 *
US-PATENT-CLASS-182-191 ..... c 05 N71-11199 *
US-PATENT-CLASS-182-223 ..... c 54 N87-29118 *
US-PATENT-CLASS-182-2 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-5 ..... c 15 N73-25512 *
US-PATENT-CLASS-182-62.5 ..... c 31 N81-27324 *
US-PATENT-CLASS-182-63 ..... c 54 N87-29118 *
US-PATENT-CLASS-182-63 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-82 ..... c 54 N87-29118 *
US-PATENT-CLASS-184-1 ..... c 15 N71-23048 *
US-PATENT-CLASS-185-38 ..... c 37 N78-16369 *
US-PATENT-CLASS-187-1 ..... c 15 N72-25453 *
US-PATENT-CLASS-187-20 ..... c 15 N72-25453 *
US-PATENT-CLASS-187-7.1 ..... c 07 N71-24742 *
US-PATENT-CLASS-187-95 ..... c 15 N72-25453 *
US-PATENT-CLASS-188-1B ..... c 15 N72-20443 *
US-PATENT-CLASS-188-1B ..... c 19 N76-22284 *
US-PATENT-CLASS-188-1C ..... c 15 N72-17450 *
US-PATENT-CLASS-188-1C ..... c 15 N72-20443 *
US-PATENT-CLASS-188-1C ..... c 15 N73-30460 *
US-PATENT-CLASS-188-1C ..... c 11 N73-32152 *
US-PATENT-CLASS-188-1C ..... c 37 N79-10420 *
US-PATENT-CLASS-188-103 ..... c 15 N71-27146 *
US-PATENT-CLASS-188-129 ..... c 15 N72-17450 *
US-PATENT-CLASS-188-129 ..... c 37 N93-23075 *
US-PATENT-CLASS-188-134 ..... c 37 N81-15364 *
US-PATENT-CLASS-188-151A .... c 44 N79-14527 *
US-PATENT-CLASS-188-163 ..... c 37 N74-26976 *
US-PATENT-CLASS-188-163 ..... c 37 N94-23969 *
US-PATENT-CLASS-188-171 ..... c 37 N74-26976 *
US-PATENT-CLASS-188-171 ..... c 37 N92-21728 *
US-PATENT-CLASS-188-171 ..... c 37 N94-23969 *
US-PATENT-CLASS-188-180 ..... c 37 N81-15364 *
US-PATENT-CLASS-188-184 ..... c 37 N81-15364 *
US-PATENT-CLASS-188-1 ..... c 15 N70-34861 *
US-PATENT-CLASS-188-1 ..... c 15 N70-38601 *
US-PATENT-CLASS-188-1 ..... c 15 N70-40354 *
US-PATENT-CLASS-188-1 ..... c 14 N71-17626 *
US-PATENT-CLASS-188-1 ..... c 15 N71-22877 *
US-PATENT-CLASS-188-1 ..... c 14 N71-23092 *
US-PATENT-CLASS-188-1 ..... c 15 N71-26243 *
US-PATENT-CLASS-188-1 ..... c 15 N71-27146 *
US-PATENT-CLASS-188-1 ..... c 15 N71-27169 *
US-PATENT-CLASS-188-218-XL . c 37 N88-29181 *
US-PATENT-CLASS-188-24.11 ... c 37 N91-32514 *
US-PATENT-CLASS-188-251-A ... c 37 N88-29181 *
US-PATENT-CLASS-188-266 ..... c 15 N73-25513 *
US-PATENT-CLASS-188-268 ..... c 15 N72-20443 *
US-PATENT-CLASS-188-269 ..... c 44 N79-14527 *
US-PATENT-CLASS-188-291 ..... c 54 N77-21844 *
US-PATENT-CLASS-188-322.5 .... c 39 N93-24596 *
US-PATENT-CLASS-188-371 ..... c 37 N82-18601 *
US-PATENT-CLASS-188-373 ..... c 37 N88-23982 *
US-PATENT-CLASS-188-378 ..... c 37 N92-34173 *
US-PATENT-CLASS-188-65.1 ..... c 15 N73-25512 *
US-PATENT-CLASS-188-65.5 ..... c 15 N71-27067 *
US-PATENT-CLASS-188-67 ..... c 37 N93-23075 *
US-PATENT-CLASS-188-82.3 ..... c 37 N94-23969 *
US-PATENT-CLASS-188-82.84 .... c 37 N92-21728 *
US-PATENT-CLASS-188-82.84 .... c 37 N93-23075 *
US-PATENT-CLASS-188-82.84 .... c 37 N94-23969 *
US-PATENT-CLASS-188-82.9 ..... c 37 N92-21728 *
US-PATENT-CLASS-188-87 ..... c 12 N71-16894 *
US-PATENT-CLASS-188-88 ..... c 15 N71-26611 *
US-PATENT-CLASS-189-36 ..... c 15 N70-36947 *
US-PATENT-CLASS-19-205 ..... c 37 N76-18456 *
US-PATENT-CLASS-191-12.2-R .. c 33 N86-20669 *
US-PATENT-CLASS-192-43.1 ..... c 15 N71-17805 *
US-PATENT-CLASS-192-44 ..... c 37 N94-23969 *
US-PATENT-CLASS-192-45.1 ..... c 37 N94-23969 *
US-PATENT-CLASS-192-46 ..... c 37 N87-17037 *
US-PATENT-CLASS-192-67R ..... c 37 N87-17037 *
US-PATENT-CLASS-194-82.26 .... c 37 N90-21390 *

S-PATENT-CLASS-194-82.29 .... c 37 N90-21390 *
S-PATENT-CLASS-194-902 ..... c 37 N89-13785 *
S-PATENT-CLASS-195-1.8 ..... c 51 N77-25769 *
S-PATENT-CLASS-195-1.8 ..... c 51 N79-10694 *
S-PATENT-CLASS-195-1.8 ..... c 52 N79-14749 *
S-PATENT-CLASS-195-103.5K . c 51 N77-22794 *
S-PATENT-CLASS-195-103.5K . c 52 N79-14750 *
S-PATENT-CLASS-195-103.5L .. c 52 N79-14750 *
S-PATENT-CLASS-195-103.5R . c 06 N72-25149 *
S-PATENT-CLASS-195-103.5R . c 25 N75-12086 *
S-PATENT-CLASS-195-103.5R . c 35 N75-27330 *
S-PATENT-CLASS-195-103.5R . c 35 N75-33368 *
S-PATENT-CLASS-195-103.5R . c 51 N76-29891 *
S-PATENT-CLASS-195-103.5R . c 51 N77-22794 *
S-PATENT-CLASS-195-103.5R . c 25 N79-22235 *
S-PATENT-CLASS-195-120 ..... c 51 N75-13502 *
S-PATENT-CLASS-195-120 ..... c 35 N75-27330 *
S-PATENT-CLASS-195-127 ..... c 15 N72-21465 *
S-PATENT-CLASS-195-127 ..... c 11 N72-25284 *
S-PATENT-CLASS-195-127 ..... c 14 N72-25413 *
S-PATENT-CLASS-195-127 ..... c 15 N73-20514 *
S-PATENT-CLASS-195-127 ..... c 05 N73-32011 *
S-PATENT-CLASS-195-127 ..... c 35 N75-12272 *
S-PATENT-CLASS-195-127 ..... c 51 N75-13502 *
S-PATENT-CLASS-195-127 ..... c 35 N75-27330 *
S-PATENT-CLASS-195-127 ..... c 25 N79-22235 *
S-PATENT-CLASS-195-127 ..... c 25 N79-24073 *
S-PATENT-CLASS-195-141 ..... c 35 N75-27330 *
S-PATENT-CLASS-195-28N ..... c 06 N72-25149 *
S-PATENT-CLASS-195-66R ..... c 06 N73-27086 *
S-PATENT-CLASS-195-68 ..... c 04 N69-27487 * #
S-PATENT-CLASS-195-99 ..... c 06 N71-17705 *
S-PATENT-CLASS-197-188 ..... c 37 N77-19457 *
S-PATENT-CLASS-197-190 ..... c 37 N77-19457 *
S-PATENT-CLASS-198-847 ..... c 37 N80-32717 *
S-PATENT-CLASS-198-848 ..... c 37 N80-32717 *
S-PATENT-CLASS-1 ..... c 14 N71-27005 *
S-PATENT-CLASS-2-115 ..... c 05 N72-25119 *
S-PATENT-CLASS-2-14 ..... c 05 N71-23096 *
S-PATENT-CLASS-2-161R ..... c 54 N84-23113 *
S-PATENT-CLASS-2-161R ..... c 54 N84-28484 *
S-PATENT-CLASS-2-161 ..... c 54 N78-17677 *
S-PATENT-CLASS-2-164 ..... c 54 N84-28484 *
S-PATENT-CLASS-2-167 ..... c 54 N84-23113 *
S-PATENT-CLASS-2-167 ..... c 54 N84-28484 *
S-PATENT-CLASS-2-2.1A ..... c 05 N72-22092 *
S-PATENT-CLASS-2-2.1A ..... c 05 N73-25125 *
S-PATENT-CLASS-2-2.1A ..... c 05 N73-32012 *
S-PATENT-CLASS-2-2.1A ..... c 54 N74-32546 *
S-PATENT-CLASS-2-2.1A ..... c 54 N77-32721 *
S-PATENT-CLASS-2-2.1A ..... c 54 N78-17675 *
S-PATENT-CLASS-2-2.1A ..... c 54 N78-31735 *
S-PATENT-CLASS-2-2.1A ..... c 54 N78-31736 *
S-PATENT-CLASS-2-2.1A ..... c 54 N79-24651 *
S-PATENT-CLASS-2-2.1A ..... c 54 N86-28618 *
S-PATENT-CLASS-2-2.1A ..... c 54 N86-28619 *
S-PATENT-CLASS-2-2.1A ..... c 54 N86-28620 *
S-PATENT-CLASS-2-2.1A ..... c 54 N86-29507 * #
S-PATENT-CLASS-2-2.1A ..... c 18 N90-16860 *
S-PATENT-CLASS-2-2.1A ..... c 27 N92-10091 *
S-PATENT-CLASS-2-2.1R ..... c 54 N86-28618 *
S-PATENT-CLASS-2-2.1R ..... c 54 N86-28619 *
S-PATENT-CLASS-2-2.1 ..... c 05 N71-11194 *
S-PATENT-CLASS-2-2.1 ..... c 05 N71-11195 *
S-PATENT-CLASS-2-2.1 ..... c 05 N71-12335 *
S-PATENT-CLASS-2-2.1 ..... c 05 N71-12344 *
S-PATENT-CLASS-2-2.1 ..... c 05 N71-23161 *
S-PATENT-CLASS-2-2.1 ..... c 05 N71-24623 *
S-PATENT-CLASS-2-2.1 ..... c 05 N71-24730 *
S-PATENT-CLASS-2-2.1 ..... c 05 N72-20096 *
S-PATENT-CLASS-2-2.1 ..... c 05 N72-20098 *
S-PATENT-CLASS-2-2.1 ..... c 05 N72-25119 *
S-PATENT-CLASS-2-2.1 ..... c 05 N73-26071 *
S-PATENT-CLASS-2-2.1 ..... c 34 N78-17337 *
S-PATENT-CLASS-2-2.1 ..... c 54 N78-17678 *
S-PATENT-CLASS-2-2.1 ..... c 54 N78-18761 *
S-PATENT-CLASS-2-201 ..... c 54 N89-29953 *
S-PATENT-CLASS-2-275 ..... c 18 N71-26285 *
S-PATENT-CLASS-2-411 ..... c 27 N92-10091 *
S-PATENT-CLASS-2-424 ..... c 27 N92-10091 *
S-PATENT-CLASS-2-6 ..... c 05 N71-26333 *
S-PATENT-CLASS-2-6 ..... c 54 N78-17680 *
S-PATENT-CLASS-2-81 ..... c 18 N71-26285 *
S-PATENT-CLASS-2-81 ..... c 05 N73-32012 *
S-PATENT-CLASS-2-82 ..... c 54 N74-32546 *
S-PATENT-CLASS-200-114 ..... c 33 N79-33393 *
S-PATENT-CLASS-200-129 ..... c 33 N75-27249 *
S-PATENT-CLASS-200-152 ..... c 09 N71-19610 *
S-PATENT-CLASS-200-153S ..... c 33 N80-18285 *
S-PATENT-CLASS-200-157 ..... c 08 N86-27288 *
S-PATENT-CLASS-200-19 ..... c 09 N70-39915 *
S-PATENT-CLASS-200-304 ..... c 33 N80-18285 *
S-PATENT-CLASS-200-39 ..... c 03 N70-38713 *
S-PATENT-CLASS-200-46 ..... c 74 N79-12890 *
S-PATENT-CLASS-200-61.05 .... c 25 N86-27431 *
S-PATENT-CLASS-200-61.42 .... c 09 N71-12518 *
US-PATENT-CLASS-200-61.45 .... c 14 N70-41812 *
US-PATENT-CLASS-200-61 ..... c 74 N79-12890 *
US-PATENT-CLASS-200-64 ..... c 15 N72-17455 *
US-PATENT-CLASS-200-6 ..... c 10 N71-15909 *
US-PATENT-CLASS-200-6 ..... c 09 N71-16089 *
US-PATENT-CLASS-200-81.9M ... c 09 N72-20199 *
US-PATENT-CLASS-200-81R ..... c 09 N72-22204 *
US-PATENT-CLASS-200-82C ..... c 09 N72-22204 *
US-PATENT-CLASS-200-82 ..... c 10 N71-23663 *
US-PATENT-CLASS-200-83N ..... c 35 N75-15931 *
US-PATENT-CLASS-200-83 ..... c 33 N79-33392 *
US-PATENT-CLASS-201-10 ..... c 27 N81-17261 *
US-PATENT-CLASS-201-17 ..... c 44 N78-31527 *
US-PATENT-CLASS-201-17 ..... c 25 N81-33246 *
US-PATENT-CLASS-201-17 ..... c 25 N82-29371 *
US-PATENT-CLASS-201-17 ..... c 25 N83-31743 *
US-PATENT-CLASS-201-17 ..... c 25 N85-35253 *
US-PATENT-CLASS-201-25 ..... c 27 N81-17261 *
US-PATENT-CLASS-201-8 ..... c 27 N81-17261 *
US-PATENT-CLASS-202-118 ..... c 31 N81-15154 *
US-PATENT-CLASS-202-182 ..... c 05 N71-11207 *
US-PATENT-CLASS-202-234 ..... c 15 N71-23086 *
US-PATENT-CLASS-203-12 ..... c 25 N82-28368 *
US-PATENT-CLASS-203-90 ..... c 25 N88-23846 *
US-PATENT-CLASS-203-91 ..... c 25 N88-23846 *
US-PATENT-CLASS-203-98 ..... c 25 N88-23846 *
US-PATENT-CLASS-204-DIG.11 . c 25 N77-32255 *
US-PATENT-CLASS-204-DIG.3 .... c 25 N84-12262 *
US-PATENT-CLASS-204-DIG.3 .... c 44 N84-23019 *
US-PATENT-CLASS-204-1T ..... c 25 N79-22235 *
US-PATENT-CLASS-204-1T ..... c 51 N81-28698 *
US-PATENT-CLASS-204-1T ..... c 25 N82-12166 *
US-PATENT-CLASS-204-1T ..... c 76 N84-35112 * #
US-PATENT-CLASS-204-1T ..... c 35 N85-29212 *
US-PATENT-CLASS-204-1T ..... c 76 N85-30923 *
US-PATENT-CLASS-204-104 ..... c 25 N93-29617 *
US-PATENT-CLASS-204-105R .... c 25 N93-29617 *
US-PATENT-CLASS-204-112 ..... c 25 N93-29617 *
US-PATENT-CLASS-204-129.55 .. c 31 N83-19947 *
US-PATENT-CLASS-204-129.75 .. c 31 N83-19947 *
US-PATENT-CLASS-204-129 ..... c 28 N81-24280 *
US-PATENT-CLASS-204-129 ..... c 25 N84-12262 *
US-PATENT-CLASS-204-129 ..... c 44 N84-23019 *
US-PATENT-CLASS-204-129 ..... c 25 N92-28756 *
US-PATENT-CLASS-204-129 ..... c 25 N93-29617 *
US-PATENT-CLASS-204-130 ..... c 15 N72-21466 *
US-PATENT-CLASS-204-157.1H . c 25 N74-30502 *
US-PATENT-CLASS-204-157.1H . c 37 N76-18458 *
US-PATENT-CLASS-204-157.1R . c 25 N77-32255 *
US-PATENT-CLASS-204-157.1R . c 44 N77-32580 *
US-PATENT-CLASS-204-157.1R . c 44 N79-11470 *
US-PATENT-CLASS-204-157.18AG c 15 N72-25452 *
US-PATENT-CLASS-204-157.22 .. c 25 N88-24732 *
US-PATENT-CLASS-204-157.51 .. c 25 N90-20154 *
US-PATENT-CLASS-204-158R .... c 25 N77-32255 *
US-PATENT-CLASS-204-159.11 .. c 27 N80-32516 *
US-PATENT-CLASS-204-159.14 .. c 27 N80-32516 *
US-PATENT-CLASS-204-159.15 .. c 27 N80-26446 *
US-PATENT-CLASS-204-159.19 .. c 27 N80-26446 *
US-PATENT-CLASS-204-162R .... c 25 N77-32255 *
US-PATENT-CLASS-204-164 ..... c 26 N78-32229 *
US-PATENT-CLASS-204-168 ..... c 24 N71-25555 *
US-PATENT-CLASS-204-16 ..... c 24 N77-19171 *
US-PATENT-CLASS-204-171 ..... c 27 N80-23452 *
US-PATENT-CLASS-204-175 ..... c 26 N78-32229 *
US-PATENT-CLASS-204-177 ..... c 25 N75-12087 *
US-PATENT-CLASS-204-180.1 .... c 25 N88-23845 *
US-PATENT-CLASS-204-180.1 .... c 25 N92-28728 *
US-PATENT-CLASS-204-180G .... c 25 N78-14104 *
US-PATENT-CLASS-204-180G .... c 25 N79-14169 *
US-PATENT-CLASS-204-180G .... c 37 N80-14397 *
US-PATENT-CLASS-204-180P .... c 54 N78-14784 *
US-PATENT-CLASS-204-180R .... c 25 N74-26948 *
US-PATENT-CLASS-204-180R .... c 34 N74-27744 *
US-PATENT-CLASS-204-180R .... c 51 N80-16715 *
US-PATENT-CLASS-204-180S .... c 25 N79-10163 *
US-PATENT-CLASS-204-180S .... c 25 N79-14169 *
US-PATENT-CLASS-204-183.3 .... c 25 N92-28728 *
US-PATENT-CLASS-204-192.15 .. c 26 N87-25455 *
US-PATENT-CLASS-204-192.15 .. c 76 N88-24543 *
US-PATENT-CLASS-204-192.23 .. c 26 N87-25455 *
US-PATENT-CLASS-204-192.24 .. c 76 N88-24543 *
US-PATENT-CLASS-204-192.31 .. c 26 N88-14179 *
US-PATENT-CLASS-204-192.32 .. c 25 N91-31258 *
US-PATENT-CLASS-204-192-C ... c 27 N86-19458 *
US-PATENT-CLASS-204-192-D ... c 27 N86-19458 *
US-PATENT-CLASS-204-192-R ... c 27 N86-19458 *
US-PATENT-CLASS-204-192C .... c 76 N79-14906 *
US-PATENT-CLASS-204-192C .... c 26 N82-29415 *
US-PATENT-CLASS-204-192C .... c 26 N82-30371 *
US-PATENT-CLASS-204-192C .... c 24 N84-22695 *
US-PATENT-CLASS-204-192C .... c 31 N85-20153 *
US-PATENT-CLASS-204-192C .... c 24 N85-21267 *
US-PATENT-CLASS-204-192C .... c 76 N85-33826 *
US-PATENT-CLASS-204-192C .... c 27 N86-32569 *
US-PATENT-CLASS-204-192C .... c 31 N86-32587 *
US-PATENT-CLASS-204-192D .... c 27 N86-32569 *
US-PATENT-CLASS-204-192D .... c 31 N86-32587 *
US-PATENT-CLASS-204-192EC .. c 27 N82-28440 *
US-PATENT-CLASS-204-192EC .. c 27 N82-33521 *
US-PATENT-CLASS-204-192EC .. c 33 N84-22884 *
US-PATENT-CLASS-204-192E ..... c 37 N81-19455 *
US-PATENT-CLASS-204-192E ..... c 27 N82-28440 *
US-PATENT-CLASS-204-192E ..... c 27 N82-33521 *
US-PATENT-CLASS-204-192E ..... c 24 N83-10117 *
US-PATENT-CLASS-204-192E ..... c 52 N84-23095 *
US-PATENT-CLASS-204-192N .... c 24 N85-21267 *
US-PATENT-CLASS-204-192N .... c 26 N85-29005 *
US-PATENT-CLASS-204-192P .... c 76 N85-33826 *
US-PATENT-CLASS-204-192R .... c 24 N84-22695 *
US-PATENT-CLASS-204-192R .... c 31 N85-20153 *
US-PATENT-CLASS-204-192R .... c 24 N85-21267 *
US-PATENT-CLASS-204-192SP .. c 24 N84-22695 *
US-PATENT-CLASS-204-192SP .. c 31 N85-20153 *
US-PATENT-CLASS-204-192 ..... c 15 N73-12487 *
US-PATENT-CLASS-204-192 ..... c 17 N73-24569 *
US-PATENT-CLASS-204-192 ..... c 27 N74-13270 *
US-PATENT-CLASS-204-192 ..... c 20 N74-31269 *
US-PATENT-CLASS-204-192 ..... c 37 N75-19684 *
US-PATENT-CLASS-204-192 ..... c 44 N77-14580 *
US-PATENT-CLASS-204-195B .... c 25 N79-24073 *
US-PATENT-CLASS-204-195B .... c 51 N80-27067 *
US-PATENT-CLASS-204-195B .... c 51 N81-28698 *
US-PATENT-CLASS-204-195B .... c 35 N82-28604 *
US-PATENT-CLASS-204-195R .... c 33 N76-19339 *
US-PATENT-CLASS-204-195S .... c 25 N82-12166 *
US-PATENT-CLASS-204-195W ... c 35 N78-25391 *
US-PATENT-CLASS-204-195 ..... c 14 N71-17575 *
US-PATENT-CLASS-204-2.1 ..... c 44 N81-29524 *
US-PATENT-CLASS-204-20 ..... c 18 N71-16210 *
US-PATENT-CLASS-204-222 ..... c 31 N74-23065 *
US-PATENT-CLASS-204-224 ..... c 37 N80-14395 *
US-PATENT-CLASS-204-242 ..... c 33 N75-27252 *
US-PATENT-CLASS-204-242 ..... c 25 N84-12262 *
US-PATENT-CLASS-204-252 ..... c 28 N81-24280 *
US-PATENT-CLASS-204-263 ..... c 14 N71-28933 *
US-PATENT-CLASS-204-263 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-264 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-266 ..... c 28 N81-24280 *
US-PATENT-CLASS-204-266 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-267 ..... c 33 N75-27252 *
US-PATENT-CLASS-204-275 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-276 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-278 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-278 ..... c 25 N84-12262 *
US-PATENT-CLASS-204-278 ..... c 44 N84-23019 *
US-PATENT-CLASS-204-279 ..... c 33 N75-27252 *
US-PATENT-CLASS-204-280R .... c 25 N83-13187 *
US-PATENT-CLASS-204-280 ..... c 44 N84-23019 *
US-PATENT-CLASS-204-286 ..... c 33 N75-27252 *
US-PATENT-CLASS-204-290F .... c 28 N81-24280 *
US-PATENT-CLASS-204-290F .... c 44 N82-29710 *
US-PATENT-CLASS-204-290R .... c 33 N75-27252 *
US-PATENT-CLASS-204-290R .... c 28 N81-24280 *
US-PATENT-CLASS-204-290R .... c 44 N82-29710 *
US-PATENT-CLASS-204-290R .... c 25 N84-12262 *
US-PATENT-CLASS-204-290 ..... c 44 N84-28205 *
US-PATENT-CLASS-204-291 ..... c 28 N81-24280 *
US-PATENT-CLASS-204-292 ..... c 25 N78-10225 *
US-PATENT-CLASS-204-298 ..... c 15 N70-34967 *
US-PATENT-CLASS-204-298 ..... c 09 N71-26701 *
US-PATENT-CLASS-204-298 ..... c 15 N72-32487 *
US-PATENT-CLASS-204-298 ..... c 37 N75-19684 *
US-PATENT-CLASS-204-298 ..... c 27 N86-32569 *
US-PATENT-CLASS-204-298 ..... c 31 N86-32587 *
US-PATENT-CLASS-204-298 ..... c 31 N87-21160 *
US-PATENT-CLASS-204-299-R ... c 25 N88-23845 *
US-PATENT-CLASS-204-299R .... c 25 N78-14104 *
US-PATENT-CLASS-204-299R .... c 25 N79-14169 *
US-PATENT-CLASS-204-299R .... c 37 N80-14397 *
US-PATENT-CLASS-204-299R .... c 51 N80-16715 *
US-PATENT-CLASS-204-299R .... c 25 N83-10126 *
US-PATENT-CLASS-204-299R .... c 25 N83-13187 *
US-PATENT-CLASS-204-299R .... c 27 N92-25397 *
US-PATENT-CLASS-204-299R .... c 25 N92-28728 *
US-PATENT-CLASS-204-299 ..... c 34 N74-27744 *
US-PATENT-CLASS-204-299 ..... c 25 N79-10163 *
US-PATENT-CLASS-204-300EC .. c 27 N92-25397 *
US-PATENT-CLASS-204-301 ..... c 54 N78-14784 *
US-PATENT-CLASS-204-305 ..... c 03 N71-24718 *
US-PATENT-CLASS-204-30 ..... c 09 N71-28691 *
US-PATENT-CLASS-204-32A ..... c 33 N77-26385 *
US-PATENT-CLASS-204-32R ..... c 44 N76-14595 *
US-PATENT-CLASS-204-324 ..... c 33 N73-16918 *
US-PATENT-CLASS-204-325 ..... c 33 N73-16918 *
US-PATENT-CLASS-204-328 ..... c 33 N73-16918 *
US-PATENT-CLASS-204-32 ..... c 44 N79-11469 *
US-PATENT-CLASS-204-33 ..... c 17 N71-25903 *
US-PATENT-CLASS-204-33 ..... c 44 N76-14595 *
US-PATENT-CLASS-204-33 ..... c 44 N79-11469 *
US-PATENT-CLASS-204-33 ..... c 44 N83-34449 *
US-PATENT-CLASS-204-35N ..... c 27 N83-29388 *

US-PATENT-CLASS-204-35N ..... c 44 N83-34449 *
US-PATENT-CLASS-204-37.6 ..... c 76 N84-35112 * #
US-PATENT-CLASS-204-37R ..... c 44 N79-11469 *
US-PATENT-CLASS-204-37R ..... c 27 N83-29388 *
US-PATENT-CLASS-204-37 ..... c 33 N71-29151 *
US-PATENT-CLASS-204-38A ..... c 44 N76-14595 *
US-PATENT-CLASS-204-38B ..... c 44 N79-11469 *
US-PATENT-CLASS-204-38B ..... c 27 N82-33521 *
US-PATENT-CLASS-204-38 ..... c 17 N71-24830 *
US-PATENT-CLASS-204-40 ..... c 44 N76-14595 *
US-PATENT-CLASS-204-40 ..... c 24 N77-19171 *
US-PATENT-CLASS-204-42 ..... c 44 N76-14595 *
US-PATENT-CLASS-204-430 ..... c 35 N85-29212 *
US-PATENT-CLASS-204-49 ..... c 15 N72-25452 *
US-PATENT-CLASS-204-49 ..... c 44 N76-14595 *
US-PATENT-CLASS-204-56R ..... c 44 N83-10494 *
US-PATENT-CLASS-204-56R ..... c 27 N83-29388 *
US-PATENT-CLASS-204-56R ..... c 76 N84-35112 * #
US-PATENT-CLASS-204-59 ..... c 15 N72-21466 *
US-PATENT-CLASS-204-9 ..... c 20 N74-32919 *
US-PATENT-CLASS-204-9 ..... c 24 N77-19171 *
US-PATENT-CLASS-204/298 ..... c 27 N86-19458 *
US-PATENT-CLASS-2041-195B .. c 25 N79-22235 *
US-PATENT-CLASS-205-343 ..... c 35 N75-30502 *
US-PATENT-CLASS-206-0.7 ..... c 31 N89-29578 *
US-PATENT-CLASS-206-364 ..... c 31 N92-33612 *
US-PATENT-CLASS-206-366 ..... c 31 N92-33612 *
US-PATENT-CLASS-206-370 ..... c 31 N92-33612 *
US-PATENT-CLASS-206-439 ..... c 52 N79-14749 *
US-PATENT-CLASS-206-447 ..... c 27 N84-14323 *
US-PATENT-CLASS-206-582 ..... c 27 N84-14323 *
US-PATENT-CLASS-206-818 ..... c 31 N92-33612 *
US-PATENT-CLASS-208-10 ..... c 25 N79-11152 *
US-PATENT-CLASS-208-10 ..... c 23 N84-16255 *
US-PATENT-CLASS-208-10 ..... c 25 N84-22709 *
US-PATENT-CLASS-208-11 ..... c 25 N86-25428 *
US-PATENT-CLASS-208-241 ..... c 25 N82-23282 *
US-PATENT-CLASS-208-8LE ..... c 23 N84-16255 *
US-PATENT-CLASS-208-8LE ..... c 25 N84-22709 *
US-PATENT-CLASS-208-8 ..... c 25 N79-11152 *
US-PATENT-CLASS-209-10 ..... c 15 N71-20440 *
US-PATENT-CLASS-209-127R .... c 35 N76-22509 *
US-PATENT-CLASS-209-144 ..... c 34 N94-20361 *
US-PATENT-CLASS-209-211 ..... c 34 N94-20361 *
US-PATENT-CLASS-209-250 ..... c 37 N76-18456 *
US-PATENT-CLASS-209-300 ..... c 37 N76-18456 *
US-PATENT-CLASS-209-305 ..... c 37 N76-18456 *
US-PATENT-CLASS-209-349 ..... c 15 N72-22483 *
US-PATENT-CLASS-209-422 ..... c 71 N85-30765 *
US-PATENT-CLASS-209-638 ..... c 71 N85-30765 *
US-PATENT-CLASS-21-207 ..... c 17 N71-16393 *
US-PATENT-CLASS-210-DIG.23 . c 52 N79-14749 *
US-PATENT-CLASS-210-DIG.27 . c 27 N77-31308 *
US-PATENT-CLASS-210-103 ..... c 05 N72-27102 *
US-PATENT-CLASS-210-104 ..... c 05 N72-27102 *
US-PATENT-CLASS-210-108 ..... c 34 N79-24285 *
US-PATENT-CLASS-210-110 ..... c 05 N72-27102 *
US-PATENT-CLASS-210-137 ..... c 05 N72-27102 *
US-PATENT-CLASS-210-140 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-142 ..... c 34 N79-24285 *
US-PATENT-CLASS-210-151 ..... c 45 N84-12654 *
US-PATENT-CLASS-210-186 ..... c 37 N80-10494 *
US-PATENT-CLASS-210-188 ..... c 12 N72-25292 *
US-PATENT-CLASS-210-190 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-192 ..... c 54 N78-14784 *
US-PATENT-CLASS-210-198.2 .... c 25 N92-33009 *
US-PATENT-CLASS-210-205 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-209 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-212 ..... c 03 N72-20033 *
US-PATENT-CLASS-210-222 ..... c 35 N78-12390 *
US-PATENT-CLASS-210-222 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-223 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-22 ..... c 52 N80-14687 *
US-PATENT-CLASS-210-23F ..... c 51 N79-10693 *
US-PATENT-CLASS-210-23H ..... c 27 N80-23452 *
US-PATENT-CLASS-210-234 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-24R ..... c 27 N81-14076 *
US-PATENT-CLASS-210-247 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-24 ..... c 27 N77-30236 *
US-PATENT-CLASS-210-24 ..... c 25 N81-19244 *
US-PATENT-CLASS-210-257.1 .... c 29 N90-21209 *
US-PATENT-CLASS-210-259 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-266 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-269 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-282 ..... c 37 N87-17035 *
US-PATENT-CLASS-210-287 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-28 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-304 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-314 ..... c 28 N70-41447 *
US-PATENT-CLASS-210-321.1 .... c 25 N82-21269 *
US-PATENT-CLASS-210-321.6 .... c 29 N90-21209 *
US-PATENT-CLASS-210-321B .... c 52 N80-14687 *
US-PATENT-CLASS-210-333 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-340 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-340 ..... c 37 N80-10494 *
US-PATENT-CLASS-210-340 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-355 ..... c 51 N91-14703 *
US-PATENT-CLASS-210-396 ..... c 51 N91-21701 *
US-PATENT-CLASS-210-40 ..... c 27 N77-31308 *
US-PATENT-CLASS-210-40 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-40 ..... c 45 N82-11634 *
US-PATENT-CLASS-210-411 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-414 ..... c 51 N91-14703 *
US-PATENT-CLASS-210-425 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-429 ..... c 37 N76-14463 *
US-PATENT-CLASS-210-433M .... c 51 N79-10693 *
US-PATENT-CLASS-210-445 ..... c 15 N72-11389 *
US-PATENT-CLASS-210-45 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-500.25 .. c 31 N88-29052 *
US-PATENT-CLASS-210-500.35 .. c 31 N88-29052 *
US-PATENT-CLASS-210-500M .... c 27 N80-23452 *
US-PATENT-CLASS-210-500M .... c 25 N81-17187 *
US-PATENT-CLASS-210-500 ..... c 25 N75-12087 *
US-PATENT-CLASS-210-502.1 .... c 25 N92-33009 *
US-PATENT-CLASS-210-50 ..... c 45 N79-12584 *
US-PATENT-CLASS-210-512.1 .... c 35 N90-22024 *
US-PATENT-CLASS-210-512.1 .... c 34 N94-20361 *
US-PATENT-CLASS-210-512 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-54 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-57 ..... c 45 N80-14579 *
US-PATENT-CLASS-210-602 ..... c 45 N84-12654 *
US-PATENT-CLASS-210-605 ..... c 45 N84-12654 *
US-PATENT-CLASS-210-60 ..... c 45 N79-12584 *
US-PATENT-CLASS-210-615 ..... c 45 N91-14662 *
US-PATENT-CLASS-210-617 ..... c 45 N84-12654 *
US-PATENT-CLASS-210-63R ..... c 25 N78-10225 *
US-PATENT-CLASS-210-63R ..... c 45 N79-12584 *
US-PATENT-CLASS-210-63Z ..... c 45 N80-14579 *
US-PATENT-CLASS-210-635 ..... c 25 N92-33009 *
US-PATENT-CLASS-210-639 ..... c 31 N88-29052 *
US-PATENT-CLASS-210-653 ..... c 31 N88-29052 *
US-PATENT-CLASS-210-66 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-670 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-670 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-67 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-695 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-70 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-71 ..... c 25 N78-10225 *
US-PATENT-CLASS-210-73R ..... c 85 N79-17747 *
US-PATENT-CLASS-210-739 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-748 ..... c 71 N83-35781 *
US-PATENT-CLASS-210-748 ..... c 35 N84-17555 *
US-PATENT-CLASS-210-748 ..... c 54 N91-31803 * #
US-PATENT-CLASS-210-748 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-748 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-748 ..... c 25 N93-20570 *
US-PATENT-CLASS-210-753 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-758 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-764 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-767 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-767 ..... c 25 N93-20570 *
US-PATENT-CLASS-210-787 ..... c 34 N94-20361 *
US-PATENT-CLASS-210-806 ..... c 25 N93-20570 *
US-PATENT-CLASS-210-82 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-94 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-95 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-96.1 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-96M ..... c 54 N78-14784 *
US-PATENT-CLASS-210-96M ..... c 51 N79-10693 *
US-PATENT-CLASS-210-97 ..... c 35 N90-22024 *
US-PATENT-CLASS-211-126 ..... c 35 N86-20751 *
US-PATENT-CLASS-211-74 ..... c 35 N86-20751 *
US-PATENT-CLASS-212-11 ..... c 32 N71-17609 *
US-PATENT-CLASS-212-134 ..... c 15 N72-11388 *
US-PATENT-CLASS-212-148 ..... c 37 N94-20369 *
US-PATENT-CLASS-212-196 ..... c 37 N94-20369 *
US-PATENT-CLASS-212-225 ..... c 18 N89-12621 *
US-PATENT-CLASS-212-230 ..... c 37 N86-20789 *
US-PATENT-CLASS-212-257 ..... c 18 N89-12621 *
US-PATENT-CLASS-212-262 ..... c 37 N94-20369 *
US-PATENT-CLASS-212-267 ..... c 31 N81-27324 *
US-PATENT-CLASS-213-81 ..... c 37 N77-23483 *
US-PATENT-CLASS-214-1CM ..... c 37 N76-15460 *
US-PATENT-CLASS-214-1BC ..... c 54 N77-32721 *
US-PATENT-CLASS-214-1B ..... c 54 N75-27758 *
US-PATENT-CLASS-214-1CM ..... c 15 N72-28495 *
US-PATENT-CLASS-214-1CM ..... c 54 N75-12616 *
US-PATENT-CLASS-214-1CM ..... c 18 N75-27041 *
US-PATENT-CLASS-214-1CM ..... c 54 N75-27758 *
US-PATENT-CLASS-214-1CM ..... c 37 N77-23483 *
US-PATENT-CLASS-214-1CM ..... c 54 N77-32721 *
US-PATENT-CLASS-214-1CM ..... c 54 N78-17676 *
US-PATENT-CLASS-214-1R ..... c 37 N76-15457 *
US-PATENT-CLASS-214-16.1CB . c 37 N77-22480 *
US-PATENT-CLASS-214-1 ..... c 32 N70-41367 *
US-PATENT-CLASS-214-90R ..... c 03 N72-25021 *
US-PATENT-CLASS-215-247 ..... c 33 N76-19339 *
US-PATENT-CLASS-219-10.41 .... c 33 N82-26571 *
US-PATENT-CLASS-219-10.43 .... c 31 N85-29083 *
US-PATENT-CLASS-219-10.49R . c 33 N81-19389 *
US-PATENT-CLASS-219-10.49 .... c 11 N71-15925 *
US-PATENT-CLASS-219-10.49 .... c 31 N85-29083 *
US-PATENT-CLASS-219-10.53 .... c 33 N82-26571 *
US-PATENT-CLASS-219-10.53 .... c 31 N85-29083 *
US-PATENT-CLASS-219-10.67 .... c 33 N81-19389 *
US-PATENT-CLASS-219-10.75 .... c 32 N94-20368 *
US-PATENT-CLASS-219-10.77 .... c 31 N85-29083 *
US-PATENT-CLASS-219-10.77 .... c 32 N94-20368 *
US-PATENT-CLASS-219-10.79 .... c 32 N94-20368 *
US-PATENT-CLASS-219-101 ..... c 15 N73-14468 *
US-PATENT-CLASS-219-101 ..... c 37 N74-11300 *
US-PATENT-CLASS-219-107 ..... c 15 N73-28515 *
US-PATENT-CLASS-219-107 ..... c 37 N74-11300 *
US-PATENT-CLASS-219-109 ..... c 15 N72-23497 *
US-PATENT-CLASS-219-117 ..... c 15 N73-32358 *
US-PATENT-CLASS-219-118 ..... c 37 N76-27568 *
US-PATENT-CLASS-219-118 ..... c 37 N77-11397 *
US-PATENT-CLASS-219-119 ..... c 15 N73-14468 *
US-PATENT-CLASS-219-121.28 .. c 35 N90-20351 *
US-PATENT-CLASS-219-121.45 .. c 37 N94-35367 *
US-PATENT-CLASS-219-121.47 .. c 75 N91-25875 *
US-PATENT-CLASS-219-121.48 .. c 75 N91-25875 *
US-PATENT-CLASS-219-121.48 .. c 37 N94-35367 *
US-PATENT-CLASS-219-121.52 .. c 75 N91-25875 *
US-PATENT-CLASS-219-121.54 .. c 37 N88-30131 *
US-PATENT-CLASS-219-121.54 .. c 37 N94-35367 *
US-PATENT-CLASS-219-121.56 .. c 37 N88-30131 *
US-PATENT-CLASS-219-121.57 .. c 37 N88-30131 *
US-PATENT-CLASS-219-121.68 .. c 31 N91-14508 *
US-PATENT-CLASS-219-121.72 .. c 37 N91-32508 *
US-PATENT-CLASS-219-121LE .. c 26 N86-32551 *
US-PATENT-CLASS-219-121LN .. c 44 N82-26777 *
US-PATENT-CLASS-219-121LY .. c 26 N86-32551 *
US-PATENT-CLASS-219-121P ..... c 15 N72-32487 *
US-PATENT-CLASS-219-121 ..... c 15 N69-21471 * #
US-PATENT-CLASS-219-121 ..... c 33 N70-34540 *
US-PATENT-CLASS-219-121 ..... c 15 N71-19486 *
US-PATENT-CLASS-219-121 ..... c 16 N71-20400 *
US-PATENT-CLASS-219-121 ..... c 15 N71-27135 *
US-PATENT-CLASS-219-124.02 .. c 37 N88-30131 *
US-PATENT-CLASS-219-124.2-2 c 37 N79-10421 *
US-PATENT-CLASS-219-124.32 .. c 37 N79-10421 *
US-PATENT-CLASS-219-124.34 .. c 37 N86-21850 *
US-PATENT-CLASS-219-124.34 .. c 74 N87-17493 *
US-PATENT-CLASS-219-124.34 .. c 74 N87-25843 *
US-PATENT-CLASS-219-124.34 .. c 37 N88-14362 *
US-PATENT-CLASS-219-125.1 .... c 37 N79-10421 *
US-PATENT-CLASS-219-125 ..... c 15 N71-23815 *
US-PATENT-CLASS-219-125 ..... c 37 N75-27376 *
US-PATENT-CLASS-219-130.01 .. c 74 N87-17493 *
US-PATENT-CLASS-219-130.01 .. c 74 N87-25843 *
US-PATENT-CLASS-219-130.01 .. c 37 N88-14362 *
US-PATENT-CLASS-219-130.01 .. c 37 N94-35367 *
US-PATENT-CLASS-219-130.4 .... c 37 N88-30131 *
US-PATENT-CLASS-219-130 ..... c 15 N71-23798 *
US-PATENT-CLASS-219-131 ..... c 15 N71-15871 *
US-PATENT-CLASS-219-136 ..... c 37 N88-14362 *
US-PATENT-CLASS-219-136 ..... c 31 N90-23586 *
US-PATENT-CLASS-219-136 ..... c 31 N90-26168 *
US-PATENT-CLASS-219-137.42 .. c 37 N88-23980 *
US-PATENT-CLASS-219-137.71 .. c 37 N94-29506 *
US-PATENT-CLASS-219-137 ..... c 15 N70-34814 *
US-PATENT-CLASS-219-137 ..... c 37 N75-19683 *
US-PATENT-CLASS-219-158 ..... c 15 N72-22491 *
US-PATENT-CLASS-219-160 ..... c 37 N80-23655 *
US-PATENT-CLASS-219-161 ..... c 37 N80-23655 *
US-PATENT-CLASS-219-19 ..... c 33 N70-34812 *
US-PATENT-CLASS-219-200 ..... c 16 N94-20304 *
US-PATENT-CLASS-219-201 ..... c 52 N80-16725 *
US-PATENT-CLASS-219-201 ..... c 37 N85-29286 *
US-PATENT-CLASS-219-203 ..... c 11 N73-12265 *
US-PATENT-CLASS-219-203 ..... c 27 N84-33589 *
US-PATENT-CLASS-219-209 ..... c 35 N81-26431 *
US-PATENT-CLASS-219-210 ..... c 35 N81-26431 *
US-PATENT-CLASS-219-216 ..... c 35 N74-15831 *
US-PATENT-CLASS-219-219 ..... c 27 N84-33589 *
US-PATENT-CLASS-219-221 ..... c 15 N72-11392 *
US-PATENT-CLASS-219-221 ..... c 37 N85-29286 *
US-PATENT-CLASS-219-229 ..... c 15 N71-27214 *
US-PATENT-CLASS-219-234 ..... c 15 N72-22491 *
US-PATENT-CLASS-219-234 ..... c 15 N72-23497 *
US-PATENT-CLASS-219-243 ..... c 15 N72-11392 *
US-PATENT-CLASS-219-273 ..... c 15 N72-32487 *
US-PATENT-CLASS-219-275 ..... c 15 N71-20395 *
US-PATENT-CLASS-219-275 ..... c 20 N87-16875 *
US-PATENT-CLASS-219-285 ..... c 37 N85-29286 *
US-PATENT-CLASS-219-299 ..... c 51 N79-10694 *
US-PATENT-CLASS-219-300 ..... c 37 N77-13418 *
US-PATENT-CLASS-219-302 ..... c 51 N79-10694 *
US-PATENT-CLASS-219-304 ..... c 37 N77-13418 *
US-PATENT-CLASS-219-343 ..... c 27 N83-36220 *
US-PATENT-CLASS-219-347 ..... c 15 N69-27871 * #
US-PATENT-CLASS-219-347 ..... c 33 N70-34545 *
US-PATENT-CLASS-219-348 ..... c 15 N73-27405 *
US-PATENT-CLASS-219-34 ..... c 09 N70-33312 *
US-PATENT-CLASS-219-354 ..... c 27 N83-36220 *
US-PATENT-CLASS-219-364 ..... c 33 N71-16278 *
US-PATENT-CLASS-219-378 ..... c 33 N71-25353 *

US-PATENT-APPL-SN-946111 ..... c 37 N94-23078 *
US-PATENT-APPL-SN-946990 ..... c 28 N80-23471 *
US-PATENT-APPL-SN-946991 ..... c 31 N81-27324 *
US-PATENT-APPL-SN-946992 ..... c 45 N80-14579 *
US-PATENT-APPL-SN-946994 ..... c 44 N79-31753 *
US-PATENT-APPL-SN-947000 ..... c 28 N81-15119 *
US-PATENT-APPL-SN-947612 ..... c 37 N94-20126 *
US-PATENT-APPL-SN-948057 ..... c 08 N94-20556 *
US-PATENT-APPL-SN-94952 ..... c 14 N70-34158 *
US-PATENT-APPL-SN-949886 ..... c 33 N80-18285 *
US-PATENT-APPL-SN-950580 ..... c 27 N94-20377 *
US-PATENT-APPL-SN-950876 ..... c 37 N80-31790 *
US-PATENT-APPL-SN-950877 ..... c 52 N81-25660 *
US-PATENT-APPL-SN-951422 ..... c 51 N81-14605 *
US-PATENT-APPL-SN-951423 ..... c 48 N80-18667 *
US-PATENT-APPL-SN-951828 ..... c 37 N80-29703 *
US-PATENT-APPL-SN-951829 ..... c 33 N80-18287 *
US-PATENT-APPL-SN-951830 ..... c 28 N80-28536 *
US-PATENT-APPL-SN-95183 ..... c 08 N73-12175 *
US-PATENT-APPL-SN-95189 ..... c 74 N77-21941 *
US-PATENT-APPL-SN-953313 ..... c 32 N81-14187 *
US-PATENT-APPL-SN-953314 ..... c 37 N81-14319 *
US-PATENT-APPL-SN-953389 ..... c 74 N80-27185 *
US-PATENT-APPL-SN-953390 ..... c 74 N80-21138 *
US-PATENT-APPL-SN-953391 ..... c 72 N80-33186 *
US-PATENT-APPL-SN-953562 ..... c 31 N93-19038 * #
US-PATENT-APPL-SN-954109 ..... c 74 N94-35384 *
US-PATENT-APPL-SN-955512 ..... c 44 N94-35230 *
US-PATENT-APPL-SN-955801 ..... c 63 N94-29466 *
US-PATENT-APPL-SN-956160 ..... c 32 N80-18253 *
US-PATENT-APPL-SN-956161 ..... c 27 N79-11215 * #
US-PATENT-APPL-SN-956166 ..... c 33 N81-19393 *
US-PATENT-APPL-SN-956168 ..... c 27 N81-25209 *
US-PATENT-APPL-SN-956529 ..... c 35 N80-26635 *
US-PATENT-APPL-SN-956684 ..... c 37 N93-17272 * #
US-PATENT-APPL-SN-956685 ..... c 74 N93-17052 * #
US-PATENT-APPL-SN-957014 ..... c 35 N93-19493 * #
US-PATENT-APPL-SN-957127 ..... c 35 N93-29503 *
US-PATENT-APPL-SN-957128 ..... c 37 N93-26001 *
US-PATENT-APPL-SN-957452 ..... c 32 N80-24510 *
US-PATENT-APPL-SN-958573 ..... c 25 N80-20334 *
US-PATENT-APPL-SN-958575 ..... c 27 N80-24437 *
US-PATENT-APPL-SN-958843 ..... c 34 N94-20361 *
US-PATENT-APPL-SN-959858 ..... c 33 N94-29505 *
US-PATENT-APPL-SN-961293 ..... c 18 N94-23824 *
US-PATENT-APPL-SN-961831 ..... c 33 N81-25299 *
US-PATENT-APPL-SN-961832 ..... c 37 N81-24442 *
US-PATENT-APPL-SN-961833 ..... c 37 N82-21587 *
US-PATENT-APPL-SN-961943 ..... c 71 N93-17051 * #
US-PATENT-APPL-SN-963170 ..... c 74 N93-19052 * #
US-PATENT-APPL-SN-963348 ..... c 37 N93-17271 * #
US-PATENT-APPL-SN-963349 ..... c 51 N93-19054 * #
US-PATENT-APPL-SN-963974 ..... c 33 N93-17277 * #
US-PATENT-APPL-SN-964009 ..... c 02 N80-20224 *
US-PATENT-APPL-SN-964754 ..... c 33 N80-20487 *
US-PATENT-APPL-SN-964754 ..... c 44 N81-29524 *
US-PATENT-APPL-SN-965367 ..... c 33 N81-14221 *
US-PATENT-APPL-SN-965368 ..... c 74 N81-17888 *
US-PATENT-APPL-SN-967083 ..... c 63 N94-29504 *
US-PATENT-APPL-SN-968082 ..... c 24 N94-35372 * #
US-PATENT-APPL-SN-969755 ..... c 05 N81-19087 *
US-PATENT-APPL-SN-969756 ..... c 37 N81-14317 *
US-PATENT-APPL-SN-969757 ..... c 24 N84-16262 *
US-PATENT-APPL-SN-969759 ..... c 25 N82-11144 *
US-PATENT-APPL-SN-969760 ..... c 39 N81-25400 *
US-PATENT-APPL-SN-969761 ..... c 32 N82-12297 *
US-PATENT-APPL-SN-969762 ..... c 33 N82-29539 *
US-PATENT-APPL-SN-969868 ..... c 63 N93-17276 * #
US-PATENT-APPL-SN-969869 ..... c 38 N93-17048 * #
US-PATENT-APPL-SN-970669 ..... c 26 N94-29507 *
US-PATENT-APPL-SN-970755 ..... c 27 N94-29555 *
US-PATENT-APPL-SN-971035 ..... c 74 N94-20240 *
US-PATENT-APPL-SN-971116 ..... c 54 N93-17088 * #
US-PATENT-APPL-SN-97112 ..... c 21 N70-34539 *
US-PATENT-APPL-SN-971473 ..... c 23 N81-29160 *
US-PATENT-APPL-SN-971474 ..... c 20 N82-18314 *
US-PATENT-APPL-SN-971475 ..... c 27 N81-24257 *
US-PATENT-APPL-SN-971596 ..... c 27 N80-32516 *
US-PATENT-APPL-SN-972252 ..... c 35 N81-33448 *
US-PATENT-APPL-SN-97343 ..... c 10 N72-27246 *
US-PATENT-APPL-SN-973505 ..... c 76 N93-17413 * #
US-PATENT-APPL-SN-974292 ..... c 26 N80-23419 *
US-PATENT-APPL-SN-974471 ..... c 32 N81-14185 *
US-PATENT-APPL-SN-974472 ..... c 37 N81-15363 *
US-PATENT-APPL-SN-974473 ..... c 60 N81-27814 *
US-PATENT-APPL-SN-974474 ..... c 25 N81-19242 *
US-PATENT-APPL-SN-974475 ..... c 33 N81-17349 *
US-PATENT-APPL-SN-974476 ..... c 52 N81-14613 *
US-PATENT-APPL-SN-97472 ..... c 14 N73-28487 *
US-PATENT-APPL-SN-977302 ..... c 74 N93-28135 * #
US-PATENT-APPL-SN-977468 ..... c 37 N93-17057 * #
US-PATENT-APPL-SN-97829 ..... c 06 N73-13129 *
US-PATENT-APPL-SN-979987 ..... c 63 N94-15704 * #
US-PATENT-APPL-SN-982350 ..... c 23 N93-17412 * #
US-PATENT-APPL-SN-982535 ..... c 27 N94-20529 *
US-PATENT-APPL-SN-98517 ..... c 09 N72-25250 *

US-PATENT-APPL-SN-986399 ..... c 24 N93-20040 * #
US-PATENT-APPL-SN-98640 ..... c 09 N72-25253 *
US-PATENT-APPL-SN-986632 ..... c 37 N94-23969 *
US-PATENT-APPL-SN-98772 ..... c 08 N73-12176 *
US-PATENT-APPL-SN-98773 ..... c 15 N72-22486 *
US-PATENT-APPL-SN-98774 ..... c 14 N73-19419 *
US-PATENT-APPL-SN-98798 ..... c 09 N73-13209 *
US-PATENT-APPL-SN-988077 ..... c 35 N93-19328 * #
US-PATENT-APPL-SN-988082 ..... c 36 N93-19373 * #
US-PATENT-APPL-SN-988084 ..... c 39 N93-19329 * #
US-PATENT-APPL-SN-991003 ..... c 25 N94-35255 *
US-PATENT-APPL-SN-991403 ..... c 35 N94-35383 *
US-PATENT-APPL-SN-99174 ..... c 14 N72-33377 *
US-PATENT-APPL-SN-99175 ..... c 09 N72-25258 *
US-PATENT-APPL-SN-99198 ..... c 31 N73-32749 *
US-PATENT-APPL-SN-99201 ..... c 15 N73-25512 *
US-PATENT-APPL-SN-99201 ..... c 37 N74-20063 *
US-PATENT-APPL-SN-993477 ..... c 37 N94-35374 *
US-PATENT-APPL-SN-993743 ..... c 27 N93-19332 * #
US-PATENT-APPL-SN-994593 ..... c 74 N93-19374 * #
US-PATENT-APPL-SN-99524 ..... c 06 N72-27144 *
US-PATENT-APPL-SN-995612 ..... c 25 N94-35229 *
US-PATENT-APPL-SN-996263 ..... c 51 N94-35366 *
US-PATENT-APPL-SN-996763 ..... c 18 N93-20042 * #
US-PATENT-APPL-SN-997265 ..... c 31 N94-35445 *
US-PATENT-APPL-SN-998062 ..... c 37 N94-10674 *
US-PATENT-APPL-SN-99901 ..... c 37 N74-10474 *
US-PATENT-APPL-SN-99903 ..... c 11 N73-12265 *
US-PATENT-APPL-SN-999794 ..... c 32 N93-28955 * #

US-PATENT-APPL-156-241 ..... c 31 N92-33020 *
US-PATENT-APPL-156-285 ..... c 31 N92-33020 *
US-PATENT-APPL-156-293 ..... c 31 N92-33020 *
US-PATENT-APPL-264-272.15 ..... c 31 N92-33020 *
US-PATENT-APPL-29-856 ..... c 31 N92-33020 *

US-PATENT-CASE-165-104.25 ..... c 34 N87-28867 *
US-PATENT-CASE-165-104.26 ..... c 34 N87-28867 *
US-PATENT-CASE-165-13 ..... c 34 N87-28867 *
US-PATENT-CASE-165-1 ..... c 34 N87-28867 *
US-PATENT-CASE-165-32 ..... c 34 N87-28867 *
US-PATENT-CASE-165-41 ..... c 34 N87-28867 *
US-PATENT-CASE-179-146-R ..... c 05 N83-27975 *
US-PATENT-CASE-179-179 ..... c 05 N83-27975 *
US-PATENT-CASE-244-121 ..... c 05 N83-19737 *
US-PATENT-CASE-244-129.4 ..... c 05 N83-19737 *
US-PATENT-CASE-292-254 ..... c 05 N83-19737 *
US-PATENT-CASE-356-129 ..... c 36 N83-29680 *
US-PATENT-CASE-367-906 ..... c 05 N83-27975 *
US-PATENT-CASE-368-10 ..... c 35 N83-29651 *
US-PATENT-CASE-368-118 ..... c 35 N83-29651 *
US-PATENT-CASE-368-119 ..... c 35 N83-29651 *
US-PATENT-CASE-368-120 ..... c 35 N83-29651 *
US-PATENT-CASE-368-6 ..... c 35 N83-29651 *
US-PATENT-CASE-368-9 ..... c 35 N83-29651 *

US-PATENT-CLAS-165-27 ..... c 34 N83-34221 *
US-PATENT-CLAS-361-90 ..... c 33 N83-34190 *

US-PATENT-CLASS-DIG.4 ..... c 37 N91-21543 *

US-PATENT-CLASS-D12-76 ..... c 05 N75-25914 *
US-PATENT-CLASS-D71-1 ..... c 05 N74-10907 *

US-PATENT-CLASS-073-801 ..... c 26 N90-21170 *
US-PATENT-CLASS-100-299 ..... c 15 N72-20446 *
US-PATENT-CLASS-100-8 ..... c 33 N74-17928 *
US-PATENT-CLASS-101-395 ..... c 35 N84-22930 *
US-PATENT-CLASS-101-407BP .. c 37 N84-12491 *
US-PATENT-CLASS-102-101 ..... c 28 N71-26779 *
US-PATENT-CLASS-102-103 ..... c 20 N78-32179 *
US-PATENT-CLASS-102-105 ..... c 33 N72-17947 *
US-PATENT-CLASS-102-105 ..... c 33 N72-25911 *
US-PATENT-CLASS-102-105 ..... c 33 N73-25952 *
US-PATENT-CLASS-102-105 ..... c 27 N74-27037 *
US-PATENT-CLASS-102-105 ..... c 24 N79-25142 *
US-PATENT-CLASS-102-200 ..... c 25 N91-32196 *
US-PATENT-CLASS-102-202.14 .. c 28 N93-18274 *
US-PATENT-CLASS-102-21.6 ..... c 46 N79-22679 *
US-PATENT-CLASS-102-262 ..... c 03 N91-15142 *
US-PATENT-CLASS-102-275.11 .. c 28 N93-18274 *
US-PATENT-CLASS-102-28EB .... c 28 N74-27425 *
US-PATENT-CLASS-102-28R ..... c 28 N79-11231 *
US-PATENT-CLASS-102-289 ..... c 27 N82-24339 *
US-PATENT-CLASS-102-34.4 ..... c 07 N72-25171 *
US-PATENT-CLASS-102-378 ..... c 01 N83-35992 *
US-PATENT-CLASS-102-378 ..... c 37 N90-21390 *
US-PATENT-CLASS-102-378 ..... c 37 N91-32498 *
US-PATENT-CLASS-102-39 ..... c 20 N78-24275 *
US-PATENT-CLASS-102-49.3 ..... c 20 N77-17143 *
US-PATENT-CLASS-102-49.5 ..... c 31 N71-15687 *
US-PATENT-CLASS-102-49.5 ..... c 15 N71-22874 *
US-PATENT-CLASS-102-49.5 ..... c 31 N71-23008 *
US-PATENT-CLASS-102-49.5 ..... c 31 N73-14853 *
US-PATENT-CLASS-102-49.7 ..... c 28 N73-24784 *
US-PATENT-CLASS-102-49.7 ..... c 20 N78-24275 *

US-PATENT-CLASS-102-49.8 ..... c 28 N73-24784 *
US-PATENT-CLASS-102-49 ..... c 33 N70-36846 *
US-PATENT-CLASS-102-49 ..... c 28 N70-38181 *
US-PATENT-CLASS-102-49 ..... c 03 N70-39930 *
US-PATENT-CLASS-102-49 ..... c 15 N70-41679 *
US-PATENT-CLASS-102-49 ..... c 28 N70-41967 *
US-PATENT-CLASS-102-49 ..... c 31 N71-10582 *
US-PATENT-CLASS-102-49 ..... c 15 N71-13789 *
US-PATENT-CLASS-102-49 ..... c 31 N71-15692 *
US-PATENT-CLASS-102-49 ..... c 31 N71-17730 *
US-PATENT-CLASS-102-504 ..... c 15 N82-24272 *
US-PATENT-CLASS-102-504 ..... c 37 N94-23822 *
US-PATENT-CLASS-102-50 ..... c 31 N71-24750 *
US-PATENT-CLASS-102-56R ..... c 02 N81-14968 *
US-PATENT-CLASS-102-70.2A ... c 28 N74-27425 *
US-PATENT-CLASS-102-70.2R ... c 19 N74-15089 *
US-PATENT-CLASS-102-70.2 ..... c 09 N71-18599 *
US-PATENT-CLASS-102-70-2R ... c 28 N74-27425 *
US-PATENT-CLASS-102-70R ..... c 20 N78-24275 *
US-PATENT-CLASS-102-90 ..... c 15 N74-27360 *
US-PATENT-CLASS-102-92.1 ..... c 02 N81-14968 *
US-PATENT-CLASS-102-95 ..... c 11 N73-32152 *
US-PATENT-CLASS-102-99 ..... c 28 N77-10213 *
US-PATENT-CLASS-103.5R ..... c 04 N73-27052 *
US-PATENT-CLASS-103-1 ..... c 26 N71-21824 *
US-PATENT-CLASS-103-37 ..... c 28 N71-14058 *
US-PATENT-CLASS-103-48 ..... c 15 N71-24042 *
US-PATENT-CLASS-104-DIG.4 .... c 44 N84-23019 *
US-PATENT-CLASS-104-138R .... c 85 N74-34672 *
US-PATENT-CLASS-104-139 ..... c 05 N71-28619 *
US-PATENT-CLASS-104-172.1 .... c 18 N88-26398 *
US-PATENT-CLASS-104-1 ..... c 05 N71-28619 *
US-PATENT-CLASS-104-23FS .... c 85 N74-34672 *
US-PATENT-CLASS-104-281 ..... c 37 N85-20337 *
US-PATENT-CLASS-104-282 ..... c 37 N83-32067 *
US-PATENT-CLASS-104-284 ..... c 37 N85-20337 *
US-PATENT-CLASS-104-290 ..... c 37 N83-32067 *
US-PATENT-CLASS-104-35 ..... c 18 N88-26398 *
US-PATENT-CLASS-104-49 ..... c 18 N88-26398 *
US-PATENT-CLASS-104-83 ..... c 37 N82-21587 *
US-PATENT-CLASS-105-1A ..... c 37 N82-21587 *
US-PATENT-CLASS-105-124 ..... c 37 N91-32514 *
US-PATENT-CLASS-105-141 ..... c 37 N91-32514 *
US-PATENT-CLASS-105-142 ..... c 37 N91-32514 *
US-PATENT-CLASS-105-161 ..... c 43 N79-26439 *
US-PATENT-CLASS-105-171 ..... c 37 N82-21587 *
US-PATENT-CLASS-105-180 ..... c 37 N82-21587 *
US-PATENT-CLASS-105-2R ..... c 85 N82-33288 *
US-PATENT-CLASS-105-218R .... c 37 N82-21587 *
US-PATENT-CLASS-105-87 ..... c 37 N91-32514 *
US-PATENT-CLASS-106-1.2 ..... c 44 N79-31752 *
US-PATENT-CLASS-106-13 ..... c 23 N75-14834 *
US-PATENT-CLASS-106-15FP .... c 27 N74-27037 *
US-PATENT-CLASS-106-15FP .... c 27 N76-24405 *
US-PATENT-CLASS-106-15FP .... c 24 N78-15180 *
US-PATENT-CLASS-106-15R ..... c 23 N75-14834 *
US-PATENT-CLASS-106-15 ..... c 18 N71-14014 *
US-PATENT-CLASS-106-15 ..... c 18 N71-15469 *
US-PATENT-CLASS-106-18.16 .... c 27 N82-16238 *
US-PATENT-CLASS-106-18.24 .... c 27 N82-16238 *
US-PATENT-CLASS-106-197 ..... c 25 N82-29370 *
US-PATENT-CLASS-106-1 ..... c 44 N79-31752 *
US-PATENT-CLASS-106-209 ..... c 05 N72-25120 *
US-PATENT-CLASS-106-286 ..... c 18 N72-22566 *
US-PATENT-CLASS-106-287SB .. c 23 N75-14834 *
US-PATENT-CLASS-106-288B .... c 18 N72-22566 *
US-PATENT-CLASS-106-292 ..... c 18 N72-17532 *
US-PATENT-CLASS-106-292 ..... c 27 N77-30237 *
US-PATENT-CLASS-106-296 ..... c 18 N71-26772 *
US-PATENT-CLASS-106-296 ..... c 27 N77-30237 *
US-PATENT-CLASS-106-296 ..... c 24 N79-14156 *
US-PATENT-CLASS-106-299 ..... c 18 N72-17532 *
US-PATENT-CLASS-106-299 ..... c 27 N77-30237 *
US-PATENT-CLASS-106-306 ..... c 24 N76-24363 *
US-PATENT-CLASS-106-39.5 ..... c 27 N78-19302 *
US-PATENT-CLASS-106-39R ..... c 18 N73-14584 *
US-PATENT-CLASS-106-39 ..... c 26 N72-28762 *
US-PATENT-CLASS-106-40 ..... c 18 N71-22998 *
US-PATENT-CLASS-106-43 ..... c 27 N78-17206 *
US-PATENT-CLASS-106-43 ..... c 37 N81-25371 *
US-PATENT-CLASS-106-46 ..... c 26 N72-28762 *
US-PATENT-CLASS-106-48 ..... c 27 N75-27160 *
US-PATENT-CLASS-106-48 ..... c 27 N78-32260 *
US-PATENT-CLASS-106-50 ..... c 27 N82-29452 *
US-PATENT-CLASS-106-50 ..... c 27 N82-29454 *
US-PATENT-CLASS-106-50 ..... c 27 N82-29455 *
US-PATENT-CLASS-106-52 ..... c 37 N74-21063 *
US-PATENT-CLASS-106-52 ..... c 27 N82-29451 *
US-PATENT-CLASS-106-52 ..... c 27 N82-29452 *
US-PATENT-CLASS-106-52 ..... c 27 N82-29454 *
US-PATENT-CLASS-106-52 ..... c 27 N82-29455 *
US-PATENT-CLASS-106-54 ..... c 27 N75-27160 *
US-PATENT-CLASS-106-54 ..... c 27 N76-22377 *
US-PATENT-CLASS-106-54 ..... c 27 N76-23426 *
US-PATENT-CLASS-106-54 ..... c 27 N78-32260 *
US-PATENT-CLASS-106-54 ..... c 27 N82-29452 *

US-PATENT-CLASS-106-54 ..... c 27 N82-29454 *
US-PATENT-CLASS-106-55 ..... c 18 N73-14584 *
US-PATENT-CLASS-106-58 ..... c 18 N73-14584 *
US-PATENT-CLASS-106-63 ..... c 18 N73-14584 *
US-PATENT-CLASS-106-65 ..... c 27 N78-19302 *
US-PATENT-CLASS-106-73.5 ..... c 27 N78-19302 *
US-PATENT-CLASS-106-74 ..... c 18 N69-39979 * #
US-PATENT-CLASS-106-74 ..... c 24 N79-31347 *
US-PATENT-CLASS-106-84 ..... c 18 N71-24183 *
US-PATENT-CLASS-106-84 ..... c 18 N71-24184 *
US-PATENT-CLASS-106-84 ..... c 18 N72-22566 *
US-PATENT-CLASS-106-84 ..... c 18 N72-23581 *
US-PATENT-CLASS-106-84 ..... c 24 N79-14156 *
US-PATENT-CLASS-106-84 ..... c 24 N79-31347 *
US-PATENT-CLASS-106-88 ..... c 18 N71-16124 *
US-PATENT-CLASS-108-136 ..... c 09 N75-12968 *
US-PATENT-CLASS-108-3 ..... c 54 N88-24163 *
US-PATENT-CLASS-108-3 ..... c 09 N94-23310 *
US-PATENT-CLASS-108-59 ..... c 09 N94-23310 *
US-PATENT-CLASS-108-7 ..... c 54 N88-24163 *
US-PATENT-CLASS-109-49.5 ..... c 31 N81-19343 *
US-PATENT-CLASS-109-58.5 ..... c 31 N81-19343 *
US-PATENT-CLASS-110-165R .... c 31 N91-15423 *
US-PATENT-CLASS-110-171 ..... c 31 N91-15423 *
US-PATENT-CLASS-110-186 ..... c 25 N84-16276 *
US-PATENT-CLASS-110-218 ..... c 31 N81-15154 *
US-PATENT-CLASS-110-229 ..... c 31 N81-15154 *
US-PATENT-CLASS-110-232 ..... c 31 N81-15154 *
US-PATENT-CLASS-110-234 ..... c 25 N82-11144 *
US-PATENT-CLASS-110-245 ..... c 25 N82-11144 *
US-PATENT-CLASS-110-255 ..... c 25 N82-11144 *
US-PATENT-CLASS-110-259 ..... c 31 N91-15423 *
US-PATENT-CLASS-110-262 ..... c 25 N84-16276 *
US-PATENT-CLASS-110-263 ..... c 25 N84-16276 *
US-PATENT-CLASS-110-265 ..... c 25 N84-16276 *
US-PATENT-CLASS-110-266 ..... c 25 N82-11144 *
US-PATENT-CLASS-110-343 ..... c 31 N81-15154 *
US-PATENT-CLASS-110-347 ..... c 31 N81-15154 *
US-PATENT-CLASS-112-402 ..... c 18 N71-26285 *
US-PATENT-CLASS-112-415 ..... c 24 N94-29509 *
US-PATENT-CLASS-112-420 ..... c 24 N94-29509 *
US-PATENT-CLASS-112-440 ..... c 24 N91-31236 *
US-PATENT-CLASS-112-440 ..... c 24 N94-29509 *
US-PATENT-CLASS-113-116 ..... c 15 N71-15597 *
US-PATENT-CLASS-114-112 ..... c 18 N90-19278 *
US-PATENT-CLASS-114-122 ..... c 02 N73-26006 *
US-PATENT-CLASS-114-122 ..... c 34 N91-25380 *
US-PATENT-CLASS-114-125 ..... c 34 N91-25380 *
US-PATENT-CLASS-114-16.6 ..... c 37 N76-22540 *
US-PATENT-CLASS-114-201R .... c 18 N90-19278 *
US-PATENT-CLASS-114-227 ..... c 18 N94-23824 *
US-PATENT-CLASS-114-66.5 ..... c 12 N70-33305 *
US-PATENT-CLASS-114-67A ..... c 34 N91-14562 *
US-PATENT-CLASS-114-67R ..... c 02 N88-14071 *
US-PATENT-CLASS-115-103:5 .... c 51 N75-13502 *
US-PATENT-CLASS-116-DIG.43 . c 02 N89-12551 *
US-PATENT-CLASS-116-114.5 .... c 35 N75-25122 *
US-PATENT-CLASS-116-114AH .. c 14 N72-25411 *
US-PATENT-CLASS-116-114AH .. c 35 N75-33367 *
US-PATENT-CLASS-116-117 ..... c 14 N70-42074 *
US-PATENT-CLASS-116-201 ..... c 02 N92-21588 *
US-PATENT-CLASS-116-207 ..... c 02 N92-21588 *
US-PATENT-CLASS-116-265 ..... c 02 N89-12551 *
US-PATENT-CLASS-116-70 ..... c 35 N93-29503 *
US-PATENT-CLASS-117-104 ..... c 18 N71-26100 *
US-PATENT-CLASS-117-105.2 .... c 37 N74-11301 *
US-PATENT-CLASS-117-105.2 .... c 24 N75-33181 *
US-PATENT-CLASS-117-105.5 .... c 15 N73-32360 *
US-PATENT-CLASS-117-105 ..... c 15 N73-32360 *
US-PATENT-CLASS-117-106A .... c 70 N74-13436 *
US-PATENT-CLASS-117-106A .... c 37 N75-15992 *
US-PATENT-CLASS-117-106A .... c 25 N75-26043 *
US-PATENT-CLASS-117-106 ..... c 33 N71-14032 *
US-PATENT-CLASS-117-107.2 .... c 25 N75-26043 *
US-PATENT-CLASS-117-107 ..... c 15 N72-25447 *
US-PATENT-CLASS-117-107 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-119 ..... c 18 N71-16105 *
US-PATENT-CLASS-117-119 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-124C .... c 15 N72-25452 *
US-PATENT-CLASS-117-124F .... c 23 N75-14834 *
US-PATENT-CLASS-117-126GM . c 37 N75-26371 *
US-PATENT-CLASS-117-126GR . c 27 N74-23125 *
US-PATENT-CLASS-117-126R .... c 37 N75-26371 *
US-PATENT-CLASS-117-129 ..... c 37 N74-21063 *
US-PATENT-CLASS-117-129 ..... c 27 N75-27160 *
US-PATENT-CLASS-117-130R .... c 15 N73-32360 *
US-PATENT-CLASS-117-132B .... c 27 N74-23125 *
US-PATENT-CLASS-117-132 ..... c 06 N72-25150 *
US-PATENT-CLASS-117-135.5 .... c 23 N75-14834 *
US-PATENT-CLASS-117-138.8R . c 15 N73-32360 *
US-PATENT-CLASS-117-151 ..... c 15 N73-32360 *
US-PATENT-CLASS-117-152 ..... c 15 N72-25452 *
US-PATENT-CLASS-117-16R ..... c 15 N72-25452 *
US-PATENT-CLASS-117-160R .... c 15 N73-32360 *
US-PATENT-CLASS-117-161P .... c 06 N73-27980 *
US-PATENT-CLASS-117-161UA .. c 25 N75-12087 *
US-PATENT-CLASS-117-161UN . c 06 N73-27980 *
US-PATENT-CLASS-117-161UN . c 27 N74-23125 *
US-PATENT-CLASS-117-161UN . c 25 N75-12087 *
US-PATENT-CLASS-117-161UZ .. c 25 N75-12087 *
US-PATENT-CLASS-117-161 ..... c 06 N72-25150 *
US-PATENT-CLASS-117-2R ..... c 32 N74-27612 *
US-PATENT-CLASS-117-200 ..... c 09 N72-25259 *
US-PATENT-CLASS-117-201 ..... c 15 N69-21460 * #
US-PATENT-CLASS-117-201 ..... c 18 N71-16046 *
US-PATENT-CLASS-117-201 ..... c 03 N72-24037 *
US-PATENT-CLASS-117-201 ..... c 25 N75-26043 *
US-PATENT-CLASS-117-211 ..... c 15 N72-25447 *
US-PATENT-CLASS-117-212 ..... c 09 N71-20705 *
US-PATENT-CLASS-117-212 ..... c 15 N71-29032 *
US-PATENT-CLASS-117-212 ..... c 26 N72-28762 *
US-PATENT-CLASS-117-217 ..... c 15 N72-25447 *
US-PATENT-CLASS-117-217 ..... c 26 N72-28762 *
US-PATENT-CLASS-117-21 ..... c 18 N69-39895 * #
US-PATENT-CLASS-117-224 ..... c 15 N71-28582 *
US-PATENT-CLASS-117-228 ..... c 06 N73-27980 *
US-PATENT-CLASS-117-234 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-235 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-237 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-239 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-240 ..... c 76 N79-16678 *
US-PATENT-CLASS-117-33.3 ..... c 70 N74-13436 *
US-PATENT-CLASS-117-35R ..... c 06 N73-13128 *
US-PATENT-CLASS-117-35 ..... c 32 N79-19186 *
US-PATENT-CLASS-117-37 ..... c 15 N72-25452 *
US-PATENT-CLASS-117-38 ..... c 24 N75-33181 *
US-PATENT-CLASS-117-43 ..... c 31 N79-21227 *
US-PATENT-CLASS-117-45 ..... c 74 N74-20008 *
US-PATENT-CLASS-117-46FS .... c 24 N75-33181 *
US-PATENT-CLASS-117-46 ..... c 15 N71-16077 *
US-PATENT-CLASS-117-47R ..... c 15 N72-25452 *
US-PATENT-CLASS-117-50 ..... c 15 N71-15610 *
US-PATENT-CLASS-117-62 ..... c 15 N72-25447 *
US-PATENT-CLASS-117-62 ..... c 15 N72-25452 *
US-PATENT-CLASS-117-65.2 ..... c 18 N71-10772 *
US-PATENT-CLASS-117-66 ..... c 15 N73-32360 *
US-PATENT-CLASS-117-69 ..... c 18 N70-36400 *
US-PATENT-CLASS-117-69 ..... c 15 N71-16075 *
US-PATENT-CLASS-117-6 ..... c 14 N71-20461 *
US-PATENT-CLASS-117-6 ..... c 27 N81-15104 *
US-PATENT-CLASS-117-72 ..... c 35 N75-25122 *
US-PATENT-CLASS-117-8.5 ..... c 24 N75-33181 *
US-PATENT-CLASS-117-93.1GD c 25 N75-12087 *
US-PATENT-CLASS-117-93.16D . c 15 N72-25447 *
US-PATENT-CLASS-117-93.3 ..... c 15 N72-25452 *
US-PATENT-CLASS-117-93.3 ..... c 37 N75-15992 *
US-PATENT-CLASS-117-95 ..... c 24 N74-19769 *
US-PATENT-CLASS-117-95 ..... c 36 N75-15029 *
US-PATENT-CLASS-117-97 ..... c 36 N75-15029 *
US-PATENT-CLASS-118-DIG.5 .... c 24 N92-10070 *
US-PATENT-CLASS-118-11 ..... c 15 N71-17647 *
US-PATENT-CLASS-118-124 ..... c 24 N93-24597 *
US-PATENT-CLASS-118-125 ..... c 24 N93-24597 *
US-PATENT-CLASS-118-300 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-308 ..... c 17 N71-24911 *
US-PATENT-CLASS-118-308 ..... c 31 N93-26101 *
US-PATENT-CLASS-118-313 ..... c 51 N77-27677 *
US-PATENT-CLASS-118-320 ..... c 37 N82-24492 *
US-PATENT-CLASS-118-325 ..... c 31 N93-26101 *
US-PATENT-CLASS-118-405 ..... c 76 N91-15898 *
US-PATENT-CLASS-118-407 ..... c 76 N91-15898 *
US-PATENT-CLASS-118-416 ..... c 24 N92-16025 *
US-PATENT-CLASS-118-419 ..... c 76 N91-15898 *
US-PATENT-CLASS-118-423 ..... c 37 N82-12441 *
US-PATENT-CLASS-118-428 ..... c 76 N91-15898 *
US-PATENT-CLASS-118-43 ..... c 25 N75-29192 *
US-PATENT-CLASS-118-48 ..... c 25 N75-26043 *
US-PATENT-CLASS-118-49.1 ..... c 15 N72-32487 *
US-PATENT-CLASS-118-49.1 ..... c 31 N75-12161 *
US-PATENT-CLASS-118-49.1 ..... c 25 N75-26043 *
US-PATENT-CLASS-118-49.5 ..... c 09 N71-26701 *
US-PATENT-CLASS-118-49 ..... c 25 N79-28253 *
US-PATENT-CLASS-118-50.1 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-50.1 ..... c 36 N84-22944 *
US-PATENT-CLASS-118-500 ..... c 37 N78-17383 *
US-PATENT-CLASS-118-500 ..... c 37 N82-12441 *
US-PATENT-CLASS-118-500 ..... c 37 N82-24492 *
US-PATENT-CLASS-118-500 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-500 ..... c 37 N94-20380 *
US-PATENT-CLASS-118-503 ..... c 37 N82-24492 *
US-PATENT-CLASS-118-505 ..... c 37 N82-24492 *
US-PATENT-CLASS-118-50 ..... c 37 N78-17383 *
US-PATENT-CLASS-118-50 ..... c 37 N81-33482 *
US-PATENT-CLASS-118-50 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-52 ..... c 37 N81-33482 *
US-PATENT-CLASS-118-57 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-624 ..... c 36 N84-22944 *
US-PATENT-CLASS-118-62 ..... c 71 N84-16940 *
US-PATENT-CLASS-118-641 ..... c 36 N84-22944 *
US-PATENT-CLASS-118-6 ..... c 51 N77-27677 *
US-PATENT-CLASS-118-728 ..... c 37 N94-20380 *
US-PATENT-CLASS-118-730 ..... c 37 N94-20380 *
US-PATENT-CLASS-118-7 ..... c 51 N77-27677 *
US-PATENT-CLASS-118-9 ..... c 51 N77-27677 *
US-PATENT-CLASS-119-15 ..... c 11 N71-22875 *
US-PATENT-CLASS-119-17 ..... c 51 N81-32829 *
US-PATENT-CLASS-119-18 ..... c 51 N81-32829 *
US-PATENT-CLASS-119-29 ..... c 51 N78-27733 *
US-PATENT-CLASS-119-51.11 .... c 35 N78-19466 *
US-PATENT-CLASS-119-51.13 .... c 51 N74-15778 *
US-PATENT-CLASS-119-51.5 ..... c 51 N74-15778 *
US-PATENT-CLASS-119-51R ..... c 51 N74-15778 *
US-PATENT-CLASS-119-52AF .... c 51 N74-15778 *
US-PATENT-CLASS-119-54 ..... c 51 N74-15778 *
US-PATENT-CLASS-119-72.5 ..... c 35 N78-19466 *
US-PATENT-CLASS-119-96 ..... c 05 N71-28619 *
US-PATENT-CLASS-121-38 ..... c 15 N70-35409 *
US-PATENT-CLASS-121-38 ..... c 02 N71-29128 *
US-PATENT-CLASS-122-32 ..... c 33 N72-20915 *
US-PATENT-CLASS-122-366 ..... c 34 N85-29180 *
US-PATENT-CLASS-122-366 ..... c 34 N86-27593 *
US-PATENT-CLASS-122-366 ..... c 34 N88-29133 *
US-PATENT-CLASS-122-366 ..... c 34 N89-14392 *
US-PATENT-CLASS-122-366 ..... c 27 N90-23541 *
US-PATENT-CLASS-122-366 ..... c 31 N90-23587 *
US-PATENT-CLASS-122-4D ..... c 25 N82-11144 *
US-PATENT-CLASS-123-DIG.12 . c 37 N76-18457 *
US-PATENT-CLASS-123-DIG.12 . c 44 N78-33526 *
US-PATENT-CLASS-123-DIG.12 . c 28 N80-10374 *
US-PATENT-CLASS-123-DIG.8 .... c 37 N77-31497 *
US-PATENT-CLASS-123-1A ..... c 44 N76-29700 *
US-PATENT-CLASS-123-1A ..... c 44 N78-33526 *
US-PATENT-CLASS-123-102 ..... c 11 N72-20244 *
US-PATENT-CLASS-123-119A .... c 37 N77-31497 *
US-PATENT-CLASS-123-119E .... c 37 N76-18457 *
US-PATENT-CLASS-123-120 ..... c 37 N76-18457 *
US-PATENT-CLASS-123-121 ..... c 37 N76-18457 *
US-PATENT-CLASS-123-122AB .. c 28 N72-22772 *
US-PATENT-CLASS-123-122AB .. c 37 N77-31497 *
US-PATENT-CLASS-123-122E ..... c 07 N77-23106 *
US-PATENT-CLASS-123-122E ..... c 37 N78-10467 *
US-PATENT-CLASS-123-148CB .. c 33 N77-28385 *
US-PATENT-CLASS-123-148DC .. c 37 N79-11405 *
US-PATENT-CLASS-123-148E ..... c 33 N77-28385 *
US-PATENT-CLASS-123-148E ..... c 37 N79-11405 *
US-PATENT-CLASS-123-179R .... c 28 N80-10374 *
US-PATENT-CLASS-123-193-P ... c 37 N88-23981 *
US-PATENT-CLASS-123-193P ..... c 37 N90-22042 *
US-PATENT-CLASS-123-197R .... c 37 N83-36483 *
US-PATENT-CLASS-123-37 ..... c 37 N77-31497 *
US-PATENT-CLASS-123-3 ..... c 44 N76-18642 *
US-PATENT-CLASS-123-3 ..... c 44 N76-29700 *
US-PATENT-CLASS-123-3 ..... c 44 N77-10636 *
US-PATENT-CLASS-123-3 ..... c 37 N77-31497 *
US-PATENT-CLASS-123-3 ..... c 44 N78-33526 *
US-PATENT-CLASS-123-3 ..... c 28 N80-10374 *
US-PATENT-CLASS-123-41.33 .... c 07 N77-23106 *
US-PATENT-CLASS-123-41.33 .... c 37 N78-10467 *
US-PATENT-CLASS-123-59E ..... c 37 N77-31497 *
US-PATENT-CLASS-123-78E ..... c 37 N83-36483 *
US-PATENT-CLASS-123-89A ..... c 37 N76-18457 *
US-PATENT-CLASS-124-11R ..... c 75 N76-17951 *
US-PATENT-CLASS-124-1 ..... c 75 N76-17951 *
US-PATENT-CLASS-124-3 ..... c 14 N92-15081 *
US-PATENT-CLASS-124-56 ..... c 18 N86-20469 *
US-PATENT-CLASS-124-6 ..... c 09 N77-19076 *
US-PATENT-CLASS-125-13R ..... c 37 N85-21650 *
US-PATENT-CLASS-125-15 ..... c 37 N85-21650 *
US-PATENT-CLASS-125-1 ..... c 46 N74-23069 *
US-PATENT-CLASS-125-20 ..... c 31 N83-27058 *
US-PATENT-CLASS-125-21 ..... c 37 N80-29703 *
US-PATENT-CLASS-125-23R ..... c 76 N80-18951 *
US-PATENT-CLASS-125-23R ..... c 37 N82-32730 *
US-PATENT-CLASS-125-3 ..... c 46 N74-23069 *
US-PATENT-CLASS-126-DIG.1 .... c 44 N85-30474 *
US-PATENT-CLASS-126-263 ..... c 44 N77-32581 *
US-PATENT-CLASS-126-263 ..... c 44 N78-17460 *
US-PATENT-CLASS-126-263 ..... c 44 N80-20808 *
US-PATENT-CLASS-126-263 ..... c 35 N85-29214 *
US-PATENT-CLASS-126-270 ..... c 09 N70-40234 *
US-PATENT-CLASS-126-270 ..... c 03 N70-41580 *
US-PATENT-CLASS-126-270 ..... c 34 N74-23039 *
US-PATENT-CLASS-126-270 ..... c 44 N76-14595 *
US-PATENT-CLASS-126-270 ..... c 44 N76-23675 *
US-PATENT-CLASS-126-270 ..... c 44 N76-24696 *
US-PATENT-CLASS-126-270 ..... c 35 N77-20401 *
US-PATENT-CLASS-126-270 ..... c 44 N77-32582 *
US-PATENT-CLASS-126-270 ..... c 44 N78-15560 *
US-PATENT-CLASS-126-270 ..... c 44 N78-19599 *
US-PATENT-CLASS-126-270 ..... c 44 N78-31526 *
US-PATENT-CLASS-126-270 ..... c 44 N79-11471 *
US-PATENT-CLASS-126-270 ..... c 44 N79-14526 *
US-PATENT-CLASS-126-270 ..... c 44 N79-23481 *
US-PATENT-CLASS-126-270 ..... c 44 N79-24432 *
US-PATENT-CLASS-126-271 ..... c 44 N75-32581 *
US-PATENT-CLASS-126-271 ..... c 44 N76-14602 *
US-PATENT-CLASS-126-271 ..... c 44 N76-22657 *
US-PATENT-CLASS-126-271 ..... c 44 N76-24696 *

US-PATENT-CLASS-126-271 ..... c 35 N77-20401 *
US-PATENT-CLASS-126-271 ..... c 44 N77-32582 *
US-PATENT-CLASS-126-271 ..... c 44 N78-10554 *
US-PATENT-CLASS-126-271 ..... c 44 N78-17460 *
US-PATENT-CLASS-126-271 ..... c 44 N78-31525 *
US-PATENT-CLASS-126-271 ..... c 44 N78-31526 *
US-PATENT-CLASS-126-271 ..... c 44 N79-11471 *
US-PATENT-CLASS-126-271 ..... c 44 N79-14526 *
US-PATENT-CLASS-126-271 ..... c 44 N79-14529 *
US-PATENT-CLASS-126-271 ..... c 44 N79-18443 *
US-PATENT-CLASS-126-271 ..... c 44 N79-23481 *
US-PATENT-CLASS-126-271 ..... c 44 N79-24433 *
US-PATENT-CLASS-126-400 ..... c 44 N78-15560 *
US-PATENT-CLASS-126-400 ..... c 44 N79-24433 *
US-PATENT-CLASS-126-400 ..... c 44 N85-30474 *
US-PATENT-CLASS-126-415 ..... c 44 N84-34792 *
US-PATENT-CLASS-126-415 ..... c 44 N85-30474 *
US-PATENT-CLASS-126-417 ..... c 44 N80-16452 *
US-PATENT-CLASS-126-417 ..... c 34 N84-22903 *
US-PATENT-CLASS-126-418 ..... c 44 N84-28204 *
US-PATENT-CLASS-126-418 ..... c 44 N86-27706 *
US-PATENT-CLASS-126-419 ..... c 44 N80-20810 *
US-PATENT-CLASS-126-419 ..... c 44 N81-17518 *
US-PATENT-CLASS-126-419 ..... c 44 N84-28203 *
US-PATENT-CLASS-126-419 ..... c 44 N85-30474 *
US-PATENT-CLASS-126-419 ..... c 44 N86-27706 *
US-PATENT-CLASS-126-422 ..... c 44 N82-18686 *
US-PATENT-CLASS-126-423 ..... c 34 N88-23958 *
US-PATENT-CLASS-126-425 ..... c 44 N88-14492 *
US-PATENT-CLASS-126-429 ..... c 44 N82-18686 *
US-PATENT-CLASS-126-430 ..... c 44 N82-18686 *
US-PATENT-CLASS-126-433 ..... c 44 N92-29143 *
US-PATENT-CLASS-126-434 ..... c 44 N80-20810 *
US-PATENT-CLASS-126-436 ..... c 44 N92-29143 *
US-PATENT-CLASS-126-437 ..... c 44 N80-20810 *
US-PATENT-CLASS-126-438 ..... c 44 N80-14473 *
US-PATENT-CLASS-126-438 ..... c 44 N82-16475 *
US-PATENT-CLASS-126-438 ..... c 44 N84-28203 *
US-PATENT-CLASS-126-438 ..... c 44 N84-28204 *
US-PATENT-CLASS-126-438 ..... c 44 N86-27706 *
US-PATENT-CLASS-126-440 ..... c 44 N84-28204 *
US-PATENT-CLASS-126-442 ..... c 44 N80-14473 *
US-PATENT-CLASS-126-443 ..... c 35 N89-12048 *
US-PATENT-CLASS-126-451 ..... c 44 N84-28203 *
US-PATENT-CLASS-126-900 ..... c 44 N85-30474 *
US-PATENT-CLASS-126-901 ..... c 44 N80-16452 *
US-PATENT-CLASS-126-901 ..... c 44 N83-34449 *
US-PATENT-CLASS-126-901 ..... c 35 N89-12048 *
US-PATENT-CLASS-126-91A ..... c 25 N79-11151 *
US-PATENT-CLASS-127-1 ..... c 25 N93-22036 *
US-PATENT-CLASS-127-2 ..... c 25 N93-22036 *
US-PATENT-CLASS-127-37 ..... c 25 N93-22036 *
US-PATENT-CLASS-128.2.06E .... c 05 N75-24716 *
US-PATENT-CLASS-128.2.07 ..... c 52 N79-21750 *
US-PATENT-CLASS-128-DIG.12 . c 37 N77-28487 *
US-PATENT-CLASS-128-DIG.12 . c 51 N81-14605 *
US-PATENT-CLASS-128-DIG.13 . c 52 N83-27577 *
US-PATENT-CLASS-128-DIG.16 . c 51 N81-14605 *
US-PATENT-CLASS-128-DIG.20 . c 52 N76-19785 *
US-PATENT-CLASS-128-DIG.20 . c 37 N81-17433 *
US-PATENT-CLASS-128-DIG.25 . c 52 N81-25660 *
US-PATENT-CLASS-128-DIG.25 . c 52 N84-11744 *
US-PATENT-CLASS-128-DIG.26 . c 51 N81-14605 *
US-PATENT-CLASS-128-DIG.4 .... c 05 N72-27103 *
US-PATENT-CLASS-128-DIG.4 .... c 05 N75-24716 *
US-PATENT-CLASS-128-DIG.4 .... c 35 N76-24525 *
US-PATENT-CLASS-128-DIG.4 .... c 52 N77-28717 *
US-PATENT-CLASS-128-DIG.6 .... c 51 N81-14605 *
US-PATENT-CLASS-128-DIG.9 .... c 52 N80-16725 *
US-PATENT-CLASS-128-DIG.9 .... c 51 N81-14605 *
US-PATENT-CLASS-128-1.2 ..... c 52 N82-22875 *
US-PATENT-CLASS-128-1A ..... c 05 N73-32012 *
US-PATENT-CLASS-128-1A ..... c 54 N84-16803 *
US-PATENT-CLASS-128-1R ..... c 52 N77-25772 *
US-PATENT-CLASS-128-1R ..... c 52 N77-28716 *
US-PATENT-CLASS-128-1R ..... c 52 N81-25660 *
US-PATENT-CLASS-128-1R ..... c 52 N84-11744 *
US-PATENT-CLASS-128-142.2 ..... c 54 N76-24900 *
US-PATENT-CLASS-128-142.5 ..... c 05 N71-11190 *
US-PATENT-CLASS-128-142.5 ..... c 05 N71-11203 *
US-PATENT-CLASS-128-142.5 ..... c 05 N71-17599 *
US-PATENT-CLASS-128-142.5 ..... c 05 N72-20096 *
US-PATENT-CLASS-128-142.5 ..... c 05 N73-25125 *
US-PATENT-CLASS-128-142.7 ..... c 54 N78-32721 *
US-PATENT-CLASS-128-142R ..... c 54 N80-10799 *
US-PATENT-CLASS-128-145.8 ..... c 54 N75-27761 *
US-PATENT-CLASS-128-15R ..... c 54 N84-16803 *
US-PATENT-CLASS-128-191R ..... c 25 N74-12813 *
US-PATENT-CLASS-128-191R ..... c 54 N80-10799 *
US-PATENT-CLASS-128-1 ..... c 05 N70-41819 *
US-PATENT-CLASS-128-1 ..... c 05 N71-20268 *
US-PATENT-CLASS-128-2.05A ... c 52 N74-26626 *
US-PATENT-CLASS-128-2.05A ... c 54 N75-13531 *
US-PATENT-CLASS-128-2.05E .... c 52 N74-27566 *
US-PATENT-CLASS-128-2.05E .... c 52 N76-29896 *
US-PATENT-CLASS-128-2.05F .... c 14 N73-32326 *
US-PATENT-CLASS-128-2.05P .... c 54 N75-13531 *
US-PATENT-CLASS-128-2.05R ... c 05 N73-27941 *
US-PATENT-CLASS-128-2.05R ... c 52 N76-29895 *
US-PATENT-CLASS-128-2.05R ... c 52 N79-10724 *
US-PATENT-CLASS-128-2.05S .... c 52 N74-26626 *
US-PATENT-CLASS-128-2.05T .... c 52 N74-12778 *
US-PATENT-CLASS-128-2.05V .... c 35 N76-24525 *
US-PATENT-CLASS-128-2.05Z .... c 54 N75-27760 *
US-PATENT-CLASS-128-2.05Z .... c 52 N79-18580 *
US-PATENT-CLASS-128-2.05 ..... c 05 N70-41329 *
US-PATENT-CLASS-128-2.05 ..... c 04 N71-23185 *
US-PATENT-CLASS-128-2.05 ..... c 05 N71-27234 *
US-PATENT-CLASS-128-2.06B ... c 05 N75-24716 *
US-PATENT-CLASS-128-2.06E .... c 52 N76-29896 *
US-PATENT-CLASS-128-2.06F .... c 52 N74-12778 *
US-PATENT-CLASS-128-2.06R ... c 05 N73-27941 *
US-PATENT-CLASS-128-2.06R ... c 52 N76-14757 *
US-PATENT-CLASS-128-2.06 ..... c 05 N69-21925 * #
US-PATENT-CLASS-128-2.06 ..... c 05 N71-22896 *
US-PATENT-CLASS-128-2.06 ..... c 09 N71-24618 *
US-PATENT-CLASS-128-2.06 ..... c 05 N71-26293 *
US-PATENT-CLASS-128-2.07 ..... c 05 N73-32015 *
US-PATENT-CLASS-128-2.07 ..... c 52 N74-20728 *
US-PATENT-CLASS-128-2.08 ..... c 05 N69-21473 * #
US-PATENT-CLASS-128-2.08 ..... c 05 N73-32015 *
US-PATENT-CLASS-128-2.08 ..... c 52 N74-20728 *
US-PATENT-CLASS-128-2.1A ..... c 09 N72-17153 *
US-PATENT-CLASS-128-2.1A ..... c 09 N72-22202 *
US-PATENT-CLASS-128-2.1A ..... c 52 N74-26625 *
US-PATENT-CLASS-128-2.1A ..... c 52 N76-14757 *
US-PATENT-CLASS-128-2.1A ..... c 52 N76-29894 *
US-PATENT-CLASS-128-2.1A ..... c 52 N79-18580 *
US-PATENT-CLASS-128-2.1E ..... c 05 N72-27103 *
US-PATENT-CLASS-128-2.1E ..... c 35 N76-24525 *
US-PATENT-CLASS-128-2.1E ..... c 52 N77-28717 *
US-PATENT-CLASS-128-2.1R ..... c 05 N73-26072 *
US-PATENT-CLASS-128-2.1Z ..... c 35 N76-24525 *
US-PATENT-CLASS-128-2.1 ..... c 05 N71-11193 *
US-PATENT-CLASS-128-2.1 ..... c 05 N71-12346 *
US-PATENT-CLASS-128-2.1 ..... c 05 N71-24729 *
US-PATENT-CLASS-128-2.1 ..... c 09 N71-26002 *
US-PATENT-CLASS-128-2.1 ..... c 05 N72-25120 *
US-PATENT-CLASS-128-2F ..... c 54 N76-14804 *
US-PATENT-CLASS-128-2H ..... c 52 N76-14757 *
US-PATENT-CLASS-128-2H ..... c 52 N76-29894 *
US-PATENT-CLASS-128-2H ..... c 52 N77-10780 *
US-PATENT-CLASS-128-2H ..... c 52 N77-14736 *
US-PATENT-CLASS-128-2N ..... c 05 N72-25122 *
US-PATENT-CLASS-128-2N ..... c 05 N73-13114 *
US-PATENT-CLASS-128-2P ..... c 52 N76-29894 *
US-PATENT-CLASS-128-2R ..... c 09 N72-22202 *
US-PATENT-CLASS-128-2R ..... c 52 N79-12694 *
US-PATENT-CLASS-128-2S ..... c 52 N74-10975 *
US-PATENT-CLASS-128-2S ..... c 52 N74-27864 *
US-PATENT-CLASS-128-2S ..... c 33 N75-31329 *
US-PATENT-CLASS-128-2S ..... c 33 N76-19338 *
US-PATENT-CLASS-128-2S ..... c 52 N76-29895 *
US-PATENT-CLASS-128-2S ..... c 52 N76-29896 *
US-PATENT-CLASS-128-2V ..... c 52 N74-20726 *
US-PATENT-CLASS-128-2V ..... c 35 N75-12271 *
US-PATENT-CLASS-128-2V ..... c 54 N75-27760 *
US-PATENT-CLASS-128-2V ..... c 52 N79-14751 *
US-PATENT-CLASS-128-2V ..... c 52 N79-18580 *
US-PATENT-CLASS-128-202.11 .. c 54 N86-28618 *
US-PATENT-CLASS-128-203 ..... c 54 N76-24900 *
US-PATENT-CLASS-128-204.18 .. c 51 N81-14605 *
US-PATENT-CLASS-128-206F ..... c 14 N73-24473 *
US-PATENT-CLASS-128-207.14 .. c 51 N81-14605 *
US-PATENT-CLASS-128-207.28 .. c 51 N81-14605 *
US-PATENT-CLASS-128-212 ..... c 54 N80-10799 *
US-PATENT-CLASS-128-214D ..... c 52 N79-14749 *
US-PATENT-CLASS-128-214E ..... c 52 N74-22771 *
US-PATENT-CLASS-128-214F ..... c 37 N77-28487 *
US-PATENT-CLASS-128-230 ..... c 52 N75-33640 *
US-PATENT-CLASS-128-236 ..... c 51 N81-14605 *
US-PATENT-CLASS-128-24-A ..... c 52 N84-34913 *
US-PATENT-CLASS-128-24A ..... c 05 N73-27062 *
US-PATENT-CLASS-128-24A ..... c 54 N75-27760 *
US-PATENT-CLASS-128-24 ..... c 05 N71-24738 *
US-PATENT-CLASS-128-25R ..... c 37 N74-18127 *
US-PATENT-CLASS-128-25 ..... c 05 N71-24738 *
US-PATENT-CLASS-128-26 ..... c 52 N76-19785 *
US-PATENT-CLASS-128-272 ..... c 15 N71-24835 *
US-PATENT-CLASS-128-272 ..... c 52 N79-14749 *
US-PATENT-CLASS-128-275 ..... c 15 N71-24835 *
US-PATENT-CLASS-128-275 ..... c 52 N81-29763 *
US-PATENT-CLASS-128-276 ..... c 52 N80-14684 *
US-PATENT-CLASS-128-276 ..... c 52 N80-18690 *
US-PATENT-CLASS-128-280 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-283 ..... c 05 N69-23192 * #
US-PATENT-CLASS-128-283 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-284 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-285 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-288 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-291 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-295 ..... c 05 N72-22093 *
US-PATENT-CLASS-128-295 ..... c 52 N81-24711 *
US-PATENT-CLASS-128-295 ..... c 52 N81-28740 *
US-PATENT-CLASS-128-296 ..... c 24 N82-29362 *
US-PATENT-CLASS-128-29 ..... c 05 N70-39922 *
US-PATENT-CLASS-128-2 ..... c 05 N73-27062 *
US-PATENT-CLASS-128-303B .... c 52 N83-25346 *
US-PATENT-CLASS-128-303R .... c 52 N77-28716 *
US-PATENT-CLASS-128-305 ..... c 05 N73-27062 *
US-PATENT-CLASS-128-305 ..... c 52 N75-33640 *
US-PATENT-CLASS-128-305 ..... c 52 N78-14773 *
US-PATENT-CLASS-128-325 ..... c 52 N84-28388 *
US-PATENT-CLASS-128-327 ..... c 52 N82-11770 *
US-PATENT-CLASS-128-328 ..... c 52 N84-34913 *
US-PATENT-CLASS-128-329R .... c 52 N79-27836 *
US-PATENT-CLASS-128-346 ..... c 52 N81-25660 *
US-PATENT-CLASS-128-346 ..... c 52 N84-11744 *
US-PATENT-CLASS-128-346 ..... c 52 N84-28388 *
US-PATENT-CLASS-128-348 ..... c 52 N80-16725 *
US-PATENT-CLASS-128-379 ..... c 52 N77-14736 *
US-PATENT-CLASS-128-38 ..... c 54 N84-16803 *
US-PATENT-CLASS-128-400 ..... c 52 N77-14736 *
US-PATENT-CLASS-128-402 ..... c 05 N72-20096 *
US-PATENT-CLASS-128-402 ..... c 52 N77-14736 *
US-PATENT-CLASS-128-410 ..... c 52 N77-28717 *
US-PATENT-CLASS-128-417 ..... c 05 N72-25120 *
US-PATENT-CLASS-128-417 ..... c 05 N72-27103 *
US-PATENT-CLASS-128-418 ..... c 52 N76-29896 *
US-PATENT-CLASS-128-418 ..... c 52 N77-14738 *
US-PATENT-CLASS-128-419P .... c 52 N76-29896 *
US-PATENT-CLASS-128-421 ..... c 52 N82-29863 *
US-PATENT-CLASS-128-422 ..... c 52 N82-33996 *
US-PATENT-CLASS-128-62A ..... c 52 N82-29862 *
US-PATENT-CLASS-128-639 ..... c 52 N79-27836 *
US-PATENT-CLASS-128-642 ..... c 52 N80-27072 *
US-PATENT-CLASS-128-642 ..... c 52 N81-14612 *
US-PATENT-CLASS-128-642 ..... c 52 N81-20703 *
US-PATENT-CLASS-128-660.06 .. c 71 N91-27914 *
US-PATENT-CLASS-128-660 ..... c 52 N79-26771 *
US-PATENT-CLASS-128-660 ..... c 52 N83-27578 *
US-PATENT-CLASS-128-660 ..... c 52 N85-30618 *
US-PATENT-CLASS-128-661.03 .. c 52 N90-21519 *
US-PATENT-CLASS-128-661.03 .. c 52 N92-11621 *
US-PATENT-CLASS-128-663 ..... c 52 N83-27578 *
US-PATENT-CLASS-128-665 ..... c 52 N81-27783 *
US-PATENT-CLASS-128-666 ..... c 52 N80-23969 *
US-PATENT-CLASS-128-671 ..... c 52 N91-14709 *
US-PATENT-CLASS-128-675 ..... c 35 N90-23706 *
US-PATENT-CLASS-128-686 ..... c 52 N82-11770 *
US-PATENT-CLASS-128-689 ..... c 52 N91-14709 *
US-PATENT-CLASS-128-690 ..... c 52 N80-23969 *
US-PATENT-CLASS-128-691 ..... c 52 N82-11770 *
US-PATENT-CLASS-128-6 ..... c 52 N80-16725 *
US-PATENT-CLASS-128-706 ..... c 52 N91-14709 *
US-PATENT-CLASS-128-715 ..... c 35 N92-33016 *
US-PATENT-CLASS-128-716 ..... c 52 N91-14709 *
US-PATENT-CLASS-128-736 ..... c 52 N85-30618 *
US-PATENT-CLASS-128-748 ..... c 52 N80-18691 *
US-PATENT-CLASS-128-748 ..... c 35 N90-23706 *
US-PATENT-CLASS-128-760 ..... c 52 N80-18690 *
US-PATENT-CLASS-128-760 ..... c 52 N81-29763 *
US-PATENT-CLASS-128-761 ..... c 52 N81-24711 *
US-PATENT-CLASS-128-774 ..... c 52 N80-27072 *
US-PATENT-CLASS-128-774 ..... c 52 N81-20703 *
US-PATENT-CLASS-128-774 ..... c 52 N83-25346 *
US-PATENT-CLASS-128-775 ..... c 35 N92-33016 *
US-PATENT-CLASS-128-778 ..... c 52 N82-22875 *
US-PATENT-CLASS-128-778 ..... c 35 N90-23706 *
US-PATENT-CLASS-128-782 ..... c 52 N80-27072 *
US-PATENT-CLASS-128-782 ..... c 39 N83-20280 *
US-PATENT-CLASS-128-782 ..... c 52 N83-25346 *
US-PATENT-CLASS-128-784 ..... c 52 N82-33996 *
US-PATENT-CLASS-128-80-E ..... c 54 N86-22112 *
US-PATENT-CLASS-128-80F ..... c 52 N81-25661 *
US-PATENT-CLASS-128-804 ..... c 52 N82-33996 *
US-PATENT-CLASS-128-89R ..... c 52 N81-25662 *
US-PATENT-CLASS-128-903 ..... c 52 N80-18691 *
US-PATENT-CLASS-128-92C ..... c 27 N78-17215 *
US-PATENT-CLASS-128-92G ..... c 27 N78-17215 *
US-PATENT-CLASS-129-16.7 ..... c 08 N71-15908 *
US-PATENT-CLASS-13-20 ..... c 11 N72-23215 *
US-PATENT-CLASS-13-20 ..... c 12 N79-26075 *
US-PATENT-CLASS-13-22 ..... c 12 N79-26075 *
US-PATENT-CLASS-13-24 ..... c 12 N79-26075 *
US-PATENT-CLASS-13-26 ..... c 33 N71-15625 *
US-PATENT-CLASS-13-26 ..... c 14 N71-23267 *
US-PATENT-CLASS-13-31 ..... c 11 N72-23215 *
US-PATENT-CLASS-13-31 ..... c 31 N74-27900 *
US-PATENT-CLASS-13-35 ..... c 33 N71-24145 *
US-PATENT-CLASS-134-137 ..... c 37 N82-12441 *
US-PATENT-CLASS-134-166C .... c 37 N87-17035 *
US-PATENT-CLASS-134-17 ..... c 43 N81-26509 *
US-PATENT-CLASS-134-21 ..... c 37 N76-18456 *
US-PATENT-CLASS-134-37 ..... c 37 N76-18456 *
US-PATENT-CLASS-134-37 ..... c 37 N85-21652 *
US-PATENT-CLASS-134-93 ..... c 37 N87-17035 *
US-PATENT-CLASS-135-1 ..... c 32 N70-36536 *

US-PATENT-CLASS-135-903 ..... c 37 N87-17036 *
US-PATENT-CLASS-136-100R .... c 03 N72-20034 *
US-PATENT-CLASS-136-114 ..... c 44 N76-14601 *
US-PATENT-CLASS-136-132 ..... c 03 N71-11053 *
US-PATENT-CLASS-136-132 ..... c 03 N71-22974 *
US-PATENT-CLASS-136-133 ..... c 15 N69-24320 * #
US-PATENT-CLASS-136-133 ..... c 03 N71-23006 *
US-PATENT-CLASS-136-133 ..... c 03 N72-15986 *
US-PATENT-CLASS-136-135 ..... c 03 N72-15986 *
US-PATENT-CLASS-136-143 ..... c 44 N76-29699 *
US-PATENT-CLASS-136-146 ..... c 03 N69-21337 * #
US-PATENT-CLASS-136-146 ..... c 24 N76-14204 *
US-PATENT-CLASS-136-148 ..... c 24 N76-14204 *
US-PATENT-CLASS-136-148 ..... c 44 N82-24645 *
US-PATENT-CLASS-136-162 ..... c 44 N76-14601 *
US-PATENT-CLASS-136-166 ..... c 03 N71-23336 *
US-PATENT-CLASS-136-166 ..... c 03 N72-20032 *
US-PATENT-CLASS-136-170 ..... c 03 N71-11051 *
US-PATENT-CLASS-136-175 ..... c 03 N72-20034 *
US-PATENT-CLASS-136-179 ..... c 03 N70-41864 *
US-PATENT-CLASS-136-182 ..... c 03 N71-10728 *
US-PATENT-CLASS-136-182 ..... c 03 N71-20407 *
US-PATENT-CLASS-136-182 ..... c 03 N71-20491 *
US-PATENT-CLASS-136-182 ..... c 44 N74-27519 *
US-PATENT-CLASS-136-182 ..... c 44 N76-14601 *
US-PATENT-CLASS-136-200 ..... c 35 N91-31608 *
US-PATENT-CLASS-136-202 ..... c 09 N72-12136 *
US-PATENT-CLASS-136-202 ..... c 03 N72-26031 *
US-PATENT-CLASS-136-202 ..... c 44 N76-16612 *
US-PATENT-CLASS-136-202 ..... c 35 N77-32454 *
US-PATENT-CLASS-136-202 ..... c 35 N79-14346 *
US-PATENT-CLASS-136-202 ..... c 44 N92-16457 *
US-PATENT-CLASS-136-204 ..... c 31 N91-27385 *
US-PATENT-CLASS-136-205 ..... c 44 N92-16457 *
US-PATENT-CLASS-136-206 ..... c 03 N72-11062 *
US-PATENT-CLASS-136-206 ..... c 09 N72-12136 *
US-PATENT-CLASS-136-206 ..... c 44 N76-14595 *
US-PATENT-CLASS-136-206 ..... c 44 N76-31666 *
US-PATENT-CLASS-136-20 ..... c 44 N74-19693 *
US-PATENT-CLASS-136-210 ..... c 44 N76-16612 *
US-PATENT-CLASS-136-211 ..... c 35 N76-15434 *
US-PATENT-CLASS-136-212 ..... c 35 N76-15434 *
US-PATENT-CLASS-136-213 ..... c 14 N69-27459 * #
US-PATENT-CLASS-136-213 ..... c 34 N74-27861 *
US-PATENT-CLASS-136-224 ..... c 14 N73-12447 *
US-PATENT-CLASS-136-225 ..... c 14 N73-24472 *
US-PATENT-CLASS-136-225 ..... c 35 N76-15434 *
US-PATENT-CLASS-136-225 ..... c 44 N85-21768 *
US-PATENT-CLASS-136-227 ..... c 09 N72-12136 *
US-PATENT-CLASS-136-228 ..... c 33 N71-15568 *
US-PATENT-CLASS-136-230 ..... c 14 N71-23039 *
US-PATENT-CLASS-136-230 ..... c 34 N74-27861 *
US-PATENT-CLASS-136-232 ..... c 35 N77-14409 *
US-PATENT-CLASS-136-233 ..... c 14 N72-27410 *
US-PATENT-CLASS-136-233 ..... c 14 N73-13417 *
US-PATENT-CLASS-136-233 ..... c 34 N74-27861 *
US-PATENT-CLASS-136-233 ..... c 35 N77-14409 *
US-PATENT-CLASS-136-236.1 .... c 35 N94-23826 *
US-PATENT-CLASS-136-236R .... c 35 N77-32454 *
US-PATENT-CLASS-136-236 ..... c 35 N79-14346 *
US-PATENT-CLASS-136-240 ..... c 35 N77-32454 *
US-PATENT-CLASS-136-241 ..... c 35 N94-23826 *
US-PATENT-CLASS-136-244 ..... c 44 N91-27614 *
US-PATENT-CLASS-136-245 ..... c 54 N92-21589 *
US-PATENT-CLASS-136-245 ..... c 44 N94-20196 *
US-PATENT-CLASS-136-246 ..... c 44 N85-21768 *
US-PATENT-CLASS-136-246 ..... c 54 N92-21589 *
US-PATENT-CLASS-136-249 ..... c 44 N81-12542 *
US-PATENT-CLASS-136-249 ..... c 44 N82-29709 *
US-PATENT-CLASS-136-249 ..... c 44 N82-31764 *
US-PATENT-CLASS-136-249 ..... c 44 N83-32177 *
US-PATENT-CLASS-136-249 ..... c 44 N87-17399 *
US-PATENT-CLASS-136-249 ..... c 33 N87-23879 *
US-PATENT-CLASS-136-249 ..... c 44 N91-27614 *
US-PATENT-CLASS-136-24 ..... c 09 N73-32108 *
US-PATENT-CLASS-136-252 ..... c 44 N94-35230 *
US-PATENT-CLASS-136-253 ..... c 44 N85-34441 *
US-PATENT-CLASS-136-253 ..... c 44 N92-22037 *
US-PATENT-CLASS-136-255 ..... c 44 N81-29525 *
US-PATENT-CLASS-136-255 ..... c 44 N83-14692 *
US-PATENT-CLASS-136-255 ..... c 33 N85-21492 *
US-PATENT-CLASS-136-255 ..... c 44 N85-30475 *
US-PATENT-CLASS-136-255 ..... c 76 N86-20150 *
US-PATENT-CLASS-136-255 ..... c 33 N87-23879 *
US-PATENT-CLASS-136-256 ..... c 44 N83-13579 *
US-PATENT-CLASS-136-256 ..... c 44 N83-14692 *
US-PATENT-CLASS-136-256 ..... c 44 N85-20530 *
US-PATENT-CLASS-136-256 ..... c 44 N85-30475 *
US-PATENT-CLASS-136-256 ..... c 44 N91-27614 *
US-PATENT-CLASS-136-256 ..... c 44 N94-35230 *
US-PATENT-CLASS-136-258 ..... c 44 N81-19558 *
US-PATENT-CLASS-136-258 ..... c 44 N81-29525 *
US-PATENT-CLASS-136-259 ..... c 44 N83-13579 *
US-PATENT-CLASS-136-259 ..... c 44 N83-14692 *
US-PATENT-CLASS-136-261 ..... c 44 N82-26777 *
US-PATENT-CLASS-136-261 ..... c 44 N85-30475 *
US-PATENT-CLASS-136-261 ..... c 44 N86-32875 *
US-PATENT-CLASS-136-262 ..... c 44 N81-29525 *
US-PATENT-CLASS-136-262 ..... c 76 N86-20150 *
US-PATENT-CLASS-136-28 ..... c 03 N71-10608 *
US-PATENT-CLASS-136-290 ..... c 44 N82-26777 *
US-PATENT-CLASS-136-291 ..... c 44 N81-12542 *
US-PATENT-CLASS-136-292 ..... c 44 N94-20196 *
US-PATENT-CLASS-136-293 ..... c 44 N94-35540 * #
US-PATENT-CLASS-136-30 ..... c 44 N74-19693 *
US-PATENT-CLASS-136-30 ..... c 44 N76-18643 *
US-PATENT-CLASS-136-30 ..... c 44 N76-29699 *
US-PATENT-CLASS-136-36 ..... c 44 N74-19692 *
US-PATENT-CLASS-136-6LF ..... c 44 N76-18643 *
US-PATENT-CLASS-136-6 ..... c 03 N71-26084 *
US-PATENT-CLASS-136-6 ..... c 03 N72-15986 *
US-PATENT-CLASS-136-6 ..... c 44 N82-24641 *
US-PATENT-CLASS-136-6 ..... c 44 N82-24642 *
US-PATENT-CLASS-136-6 ..... c 44 N82-24643 *
US-PATENT-CLASS-136-6 ..... c 44 N82-24644 *
US-PATENT-CLASS-136-79 ..... c 03 N72-20032 *
US-PATENT-CLASS-136-81 ..... c 03 N72-20032 *
US-PATENT-CLASS-136-83R ..... c 03 N72-20034 *
US-PATENT-CLASS-136-83R ..... c 44 N76-18641 *
US-PATENT-CLASS-136-83 ..... c 03 N71-28579 *
US-PATENT-CLASS-136-86A ..... c 44 N76-27664 *
US-PATENT-CLASS-136-86S ..... c 44 N76-18641 *
US-PATENT-CLASS-136-86 ..... c 03 N71-11052 *
US-PATENT-CLASS-136-86 ..... c 03 N71-20904 *
US-PATENT-CLASS-136-86 ..... c 15 N71-23022 *
US-PATENT-CLASS-136-86 ..... c 03 N71-29044 *
US-PATENT-CLASS-136-89AC ..... c 44 N77-31601 *
US-PATENT-CLASS-136-89CA ..... c 44 N79-25482 *
US-PATENT-CLASS-136-89CC ..... c 44 N78-25527 *
US-PATENT-CLASS-136-89CC ..... c 44 N78-25529 *
US-PATENT-CLASS-136-89CC ..... c 44 N79-11467 *
US-PATENT-CLASS-136-89CC ..... c 44 N79-17314 *
US-PATENT-CLASS-136-89CC ..... c 44 N79-25482 *
US-PATENT-CLASS-136-89CC ..... c 44 N79-31752 *
US-PATENT-CLASS-136-89H ..... c 44 N78-25528 *
US-PATENT-CLASS-136-89H ..... c 44 N78-25529 *
US-PATENT-CLASS-136-89PC ..... c 44 N79-25482 *
US-PATENT-CLASS-136-89PC ..... c 44 N79-31753 *
US-PATENT-CLASS-136-89P ..... c 44 N77-31601 *
US-PATENT-CLASS-136-89P ..... c 44 N78-25528 *
US-PATENT-CLASS-136-89P ..... c 44 N78-25529 *
US-PATENT-CLASS-136-89P ..... c 44 N78-27515 *
US-PATENT-CLASS-136-89P ..... c 44 N79-17314 *
US-PATENT-CLASS-136-89P ..... c 44 N80-14474 *
US-PATENT-CLASS-136-89SG ..... c 44 N78-24609 *
US-PATENT-CLASS-136-89SG ..... c 44 N80-24741 *
US-PATENT-CLASS-136-89SJ ..... c 44 N78-13526 *
US-PATENT-CLASS-136-89SJ ..... c 44 N79-11467 *
US-PATENT-CLASS-136-89SJ ..... c 44 N79-14528 *
US-PATENT-CLASS-136-89SJ ..... c 44 N79-25482 *
US-PATENT-CLASS-136-89 ..... c 03 N69-24267 * #
US-PATENT-CLASS-136-89 ..... c 03 N71-11049 *
US-PATENT-CLASS-136-89 ..... c 03 N71-11050 *
US-PATENT-CLASS-136-89 ..... c 03 N71-11056 *
US-PATENT-CLASS-136-89 ..... c 03 N71-18698 *
US-PATENT-CLASS-136-89 ..... c 03 N71-19545 *
US-PATENT-CLASS-136-89 ..... c 03 N71-20492 *
US-PATENT-CLASS-136-89 ..... c 03 N71-20895 *
US-PATENT-CLASS-136-89 ..... c 26 N71-23043 *
US-PATENT-CLASS-136-89 ..... c 03 N71-23187 *
US-PATENT-CLASS-136-89 ..... c 03 N71-23449 *
US-PATENT-CLASS-136-89 ..... c 03 N71-33409 *
US-PATENT-CLASS-136-89 ..... c 03 N72-20031 *
US-PATENT-CLASS-136-89 ..... c 03 N72-22042 *
US-PATENT-CLASS-136-89 ..... c 31 N72-22874 *
US-PATENT-CLASS-136-89 ..... c 03 N72-24037 *
US-PATENT-CLASS-136-89 ..... c 09 N72-25259 *
US-PATENT-CLASS-136-89 ..... c 03 N72-27053 *
US-PATENT-CLASS-136-89 ..... c 09 N73-32109 *
US-PATENT-CLASS-136-89 ..... c 44 N74-14784 *
US-PATENT-CLASS-136-89 ..... c 44 N76-14600 *
US-PATENT-CLASS-136-89 ..... c 44 N76-28635 *
US-PATENT-CLASS-136-89 ..... c 44 N76-31666 *
US-PATENT-CLASS-136-89 ..... c 44 N77-10635 *
US-PATENT-CLASS-136-89 ..... c 44 N77-14580 *
US-PATENT-CLASS-136-89 ..... c 44 N77-19571 *
US-PATENT-CLASS-136-89 ..... c 44 N79-11468 *
US-PATENT-CLASS-136-90 ..... c 44 N76-14601 *
US-PATENT-CLASS-137-DIG.9 .... c 54 N76-24900 *
US-PATENT-CLASS-137-101 ..... c 07 N77-23106 *
US-PATENT-CLASS-137-104 ..... c 37 N78-10467 *
US-PATENT-CLASS-137-110 ..... c 54 N76-24900 *
US-PATENT-CLASS-137-116.3 .... c 37 N85-34403 *
US-PATENT-CLASS-137-13 ..... c 15 N71-15967 *
US-PATENT-CLASS-137-13 ..... c 15 N72-33477 *
US-PATENT-CLASS-137-14 ..... c 37 N79-33468 *
US-PATENT-CLASS-137-15.1 ..... c 02 N74-20646 *
US-PATENT-CLASS-137-15.1 ..... c 07 N74-31270 *
US-PATENT-CLASS-137-15.1 ..... c 07 N75-24736 *
US-PATENT-CLASS-137-15.1 ..... c 07 N77-18154 *
US-PATENT-CLASS-137-15.1 ..... c 07 N79-14096 *
US-PATENT-CLASS-137-15.1 ..... c 05 N79-24976 *
US-PATENT-CLASS-137-15.1 ..... c 07 N81-14999 *
US-PATENT-CLASS-137-15.2 ..... c 02 N74-20646 *
US-PATENT-CLASS-137-15.2 ..... c 35 N76-14431 *
US-PATENT-CLASS-137-154 ..... c 15 N73-27406 *
US-PATENT-CLASS-137-154 ..... c 31 N90-20254 *
US-PATENT-CLASS-137-177 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-197 ..... c 15 N70-41646 *
US-PATENT-CLASS-137-197 ..... c 35 N78-12390 *
US-PATENT-CLASS-137-1 ..... c 12 N70-38997 *
US-PATENT-CLASS-137-1 ..... c 15 N73-27406 *
US-PATENT-CLASS-137-207 ..... c 34 N77-30399 *
US-PATENT-CLASS-137-209 ..... c 34 N77-30399 *
US-PATENT-CLASS-137-209 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-340 ..... c 15 N70-34817 *
US-PATENT-CLASS-137-340 ..... c 15 N70-35087 *
US-PATENT-CLASS-137-341 ..... c 12 N71-17661 *
US-PATENT-CLASS-137-375 ..... c 37 N80-23654 *
US-PATENT-CLASS-137-397 ..... c 15 N73-26472 *
US-PATENT-CLASS-137-469 ..... c 05 N72-20097 *
US-PATENT-CLASS-137-484.2 .... c 34 N78-25351 *
US-PATENT-CLASS-137-487.5 .... c 14 N73-13418 *
US-PATENT-CLASS-137-491 ..... c 15 N69-21924 * #
US-PATENT-CLASS-137-493 ..... c 52 N81-25660 *
US-PATENT-CLASS-137-495 ..... c 15 N70-38603 *
US-PATENT-CLASS-137-496 ..... c 15 N71-22706 *
US-PATENT-CLASS-137-501 ..... c 34 N78-25351 *
US-PATENT-CLASS-137-505.12 .. c 14 N71-18625 *
US-PATENT-CLASS-137-505.16 .. c 34 N78-25351 *
US-PATENT-CLASS-137-505.25 .. c 37 N78-25426 *
US-PATENT-CLASS-137-505.38 .. c 37 N75-15050 *
US-PATENT-CLASS-137-505.42 .. c 37 N75-15050 *
US-PATENT-CLASS-137-514.7 ... c 37 N94-10655 *
US-PATENT-CLASS-137-514.7 ... c 37 N94-10658 *
US-PATENT-CLASS-137-514 ..... c 37 N94-10658 *
US-PATENT-CLASS-137-515.3 ... c 37 N76-14463 *
US-PATENT-CLASS-137-516.27 .. c 15 N73-30459 *
US-PATENT-CLASS-137-516.29 .. c 37 N94-35661 *
US-PATENT-CLASS-137-528 ..... c 37 N94-35661 *
US-PATENT-CLASS-137-535 ..... c 15 N73-30459 *
US-PATENT-CLASS-137-535 ..... c 05 N73-32014 *
US-PATENT-CLASS-137-538 ..... c 05 N73-25125 *
US-PATENT-CLASS-137-539 ..... c 15 N70-41811 *
US-PATENT-CLASS-137-549 ..... c 37 N81-17433 *
US-PATENT-CLASS-137-550 ..... c 37 N76-14463 *
US-PATENT-CLASS-137-554 ..... c 09 N71-23191 *
US-PATENT-CLASS-137-554 ..... c 35 N93-29503 *
US-PATENT-CLASS-137-556 ..... c 34 N91-14563 *
US-PATENT-CLASS-137-557 ..... c 35 N93-29503 *
US-PATENT-CLASS-137-559 ..... c 11 N73-12265 *
US-PATENT-CLASS-137-574 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-576 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-582 ..... c 32 N71-16103 *
US-PATENT-CLASS-137-582 ..... c 32 N71-16106 *
US-PATENT-CLASS-137-582 ..... c 15 N71-19569 *
US-PATENT-CLASS-137-582 ..... c 15 N73-26472 *
US-PATENT-CLASS-137-590 ..... c 20 N80-10278 *
US-PATENT-CLASS-137-594 ..... c 12 N71-18615 *
US-PATENT-CLASS-137-604 ..... c 15 N73-27406 *
US-PATENT-CLASS-137-606 ..... c 37 N87-21332 *
US-PATENT-CLASS-137-608 ..... c 15 N73-13462 *
US-PATENT-CLASS-137-614.06 .. c 37 N79-11402 *
US-PATENT-CLASS-137-614.11 .. c 37 N87-25573 *
US-PATENT-CLASS-137-614.18 .. c 37 N87-25573 *
US-PATENT-CLASS-137-614 ..... c 15 N70-36492 *
US-PATENT-CLASS-137-615 ..... c 12 N71-16031 *
US-PATENT-CLASS-137-624.11 .. c 35 N78-19466 *
US-PATENT-CLASS-137-624.14 .. c 03 N69-21469 * #
US-PATENT-CLASS-137-625.38 .. c 37 N78-25426 *
US-PATENT-CLASS-137-625.3 ... c 37 N78-25426 *
US-PATENT-CLASS-137-625.47 .. c 37 N94-20589 *
US-PATENT-CLASS-137-625.4 ... c 37 N80-23654 *
US-PATENT-CLASS-137-625.5 ... c 15 N71-23051 *
US-PATENT-CLASS-137-625.69 .. c 15 N70-36908 *
US-PATENT-CLASS-137-628 ..... c 37 N74-21065 *
US-PATENT-CLASS-137-637.05 .. c 37 N79-11402 *
US-PATENT-CLASS-137-81.5 ..... c 12 N69-21466 * #
US-PATENT-CLASS-137-81.5 ..... c 15 N71-15609 *
US-PATENT-CLASS-137-81.5 ..... c 12 N71-17578 *
US-PATENT-CLASS-137-81.5 ..... c 12 N71-17579 *
US-PATENT-CLASS-137-81.5 ..... c 10 N71-25899 *
US-PATENT-CLASS-137-81.5 ..... c 12 N71-27332 *
US-PATENT-CLASS-137-81.5 ..... c 12 N71-28741 *
US-PATENT-CLASS-137-81.5 ..... c 28 N72-22772 *
US-PATENT-CLASS-137-81.5 ..... c 15 N72-33477 *
US-PATENT-CLASS-137-81.5 ..... c 15 N73-13462 *
US-PATENT-CLASS-137-81.5 ..... c 28 N73-13773 *
US-PATENT-CLASS-137-819 ..... c 33 N74-11050 *
US-PATENT-CLASS-137-81 ..... c 05 N72-20097 *
US-PATENT-CLASS-137-81 ..... c 14 N73-13418 *
US-PATENT-CLASS-137-833 ..... c 33 N74-11050 *
US-PATENT-CLASS-137-838 ..... c 71 N84-28568 *
US-PATENT-CLASS-137-840 ..... c 33 N74-11050 *
US-PATENT-CLASS-137-853 ..... c 20 N94-20370 *
US-PATENT-CLASS-137-855 ..... c 20 N94-20370 *
US-PATENT-CLASS-137-876 ..... c 37 N94-20589 *
US-PATENT-CLASS-137-886 ..... c 37 N81-17433 *

US-PATENT-CLASS-156-250 ..... c 03 N72-25019 *
US-PATENT-CLASS-156-252 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-264 ..... c 05 N72-25121 *
US-PATENT-CLASS-156-264 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-264 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-264 ..... c 31 N83-34073 *
US-PATENT-CLASS-156-267 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-272.2 .... c 32 N94-20368 *
US-PATENT-CLASS-156-272.4 .... c 31 N85-29083 *
US-PATENT-CLASS-156-272.4 .... c 35 N88-30108 *
US-PATENT-CLASS-156-272.4 .... c 32 N94-20368 *
US-PATENT-CLASS-156-272 ..... c 27 N80-32516 *
US-PATENT-CLASS-156-272 ..... c 33 N82-26571 *
US-PATENT-CLASS-156-273.7 .... c 27 N85-20125 *
US-PATENT-CLASS-156-273.9 .... c 31 N85-29083 *
US-PATENT-CLASS-156-274.8 .... c 35 N88-30108 *
US-PATENT-CLASS-156-275.5 .... c 35 N88-30108 *
US-PATENT-CLASS-156-278 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-279 ..... c 33 N93-18285 *
US-PATENT-CLASS-156-283 ..... c 24 N92-10070 *
US-PATENT-CLASS-156-285 ..... c 15 N71-23052 *
US-PATENT-CLASS-156-285 ..... c 18 N73-30532 *
US-PATENT-CLASS-156-285 ..... c 31 N74-18089 *
US-PATENT-CLASS-156-285 ..... c 24 N74-27035 *
US-PATENT-CLASS-156-285 ..... c 24 N78-17149 *
US-PATENT-CLASS-156-285 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-285 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-285 ..... c 24 N80-26388 *
US-PATENT-CLASS-156-285 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-285 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-285 ..... c 52 N84-28389 *
US-PATENT-CLASS-156-286 ..... c 37 N76-21554 *
US-PATENT-CLASS-156-286 ..... c 37 N76-24575 *
US-PATENT-CLASS-156-286 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-286 ..... c 37 N87-23981 *
US-PATENT-CLASS-156-286 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-289 ..... c 24 N78-17149 *
US-PATENT-CLASS-156-289 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-289 ..... c 52 N84-28389 *
US-PATENT-CLASS-156-289 ..... c 37 N87-23981 *
US-PATENT-CLASS-156-289 ..... c 24 N90-25197 *
US-PATENT-CLASS-156-290 ..... c 24 N81-33235 *
US-PATENT-CLASS-156-292 ..... c 27 N80-32516 *
US-PATENT-CLASS-156-292 ..... c 24 N81-17170 *
US-PATENT-CLASS-156-294 ..... c 37 N81-14317 *
US-PATENT-CLASS-156-294 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-294 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-295 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-297 ..... c 27 N89-12741 *
US-PATENT-CLASS-156-298 ..... c 37 N87-23981 *
US-PATENT-CLASS-156-299 ..... c 27 N89-12741 *
US-PATENT-CLASS-156-300 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-303 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-304.3 .... c 27 N84-22748 *
US-PATENT-CLASS-156-304.6 .... c 27 N84-22748 *
US-PATENT-CLASS-156-306 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-307.1 .... c 37 N87-23981 *
US-PATENT-CLASS-156-307.1 .... c 24 N94-35075 *
US-PATENT-CLASS-156-307.3 .... c 27 N82-11206 *
US-PATENT-CLASS-156-307.3 .... c 37 N87-23981 *
US-PATENT-CLASS-156-307.4 .... c 27 N94-23076 *
US-PATENT-CLASS-156-307.5 .... c 27 N82-11206 *
US-PATENT-CLASS-156-307.7 .... c 37 N87-23981 *
US-PATENT-CLASS-156-307.7 .... c 35 N88-30108 *
US-PATENT-CLASS-156-307 ..... c 27 N86-20561 *
US-PATENT-CLASS-156-308 ..... c 05 N72-25121 *
US-PATENT-CLASS-156-309.9 .... c 27 N86-20561 *
US-PATENT-CLASS-156-309 ..... c 31 N74-18089 *
US-PATENT-CLASS-156-309 ..... c 27 N78-17205 *
US-PATENT-CLASS-156-311 ..... c 24 N78-17150 *
US-PATENT-CLASS-156-312 ..... c 44 N80-18550 *
US-PATENT-CLASS-156-312 ..... c 24 N94-35075 *
US-PATENT-CLASS-156-315 ..... c 27 N82-24340 *
US-PATENT-CLASS-156-320 ..... c 15 N72-11392 *
US-PATENT-CLASS-156-323 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-329 ..... c 27 N82-29456 *
US-PATENT-CLASS-156-330.9 .... c 27 N94-23076 *
US-PATENT-CLASS-156-330 ..... c 24 N81-14000 *
US-PATENT-CLASS-156-331.5 .... c 27 N82-11206 *
US-PATENT-CLASS-156-331.5 .... c 27 N86-20561 *
US-PATENT-CLASS-156-331.5 .... c 24 N94-35075 *
US-PATENT-CLASS-156-331 ..... c 37 N74-18126 *
US-PATENT-CLASS-156-331 ..... c 27 N78-17205 *
US-PATENT-CLASS-156-331 ..... c 24 N79-16915 *
US-PATENT-CLASS-156-331 ..... c 27 N81-14077 *
US-PATENT-CLASS-156-338 ..... c 27 N82-24340 *
US-PATENT-CLASS-156-344 ..... c 28 N81-14103 *
US-PATENT-CLASS-156-344 ..... c 31 N83-34073 *
US-PATENT-CLASS-156-344 ..... c 31 N90-19427 *
US-PATENT-CLASS-156-344 ..... c 24 N90-25197 *
US-PATENT-CLASS-156-345 ..... c 15 N70-42033 *
US-PATENT-CLASS-156-345 ..... c 31 N87-21160 *
US-PATENT-CLASS-156-345 ..... c 25 N91-31258 *
US-PATENT-CLASS-156-345 ..... c 31 N94-35445 *
US-PATENT-CLASS-156-379.7 .... c 33 N82-26571 *
US-PATENT-CLASS-156-380.2 .... c 31 N85-29083 *
US-PATENT-CLASS-156-382 ..... c 37 N76-21554 *
US-PATENT-CLASS-156-382 ..... c 52 N84-28389 *
US-PATENT-CLASS-156-382 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-391 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-3 ..... c 17 N71-16044 *
US-PATENT-CLASS-156-3 ..... c 15 N71-21404 *
US-PATENT-CLASS-156-3 ..... c 15 N71-24047 *
US-PATENT-CLASS-156-3 ..... c 06 N72-21094 *
US-PATENT-CLASS-156-423 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-441 ..... c 24 N93-24597 *
US-PATENT-CLASS-156-494 ..... c 74 N87-28416 *
US-PATENT-CLASS-156-499 ..... c 27 N84-22748 *
US-PATENT-CLASS-156-510 ..... c 15 N71-17687 *
US-PATENT-CLASS-156-510 ..... c 03 N72-25019 *
US-PATENT-CLASS-156-52 ..... c 31 N79-21226 *
US-PATENT-CLASS-156-540 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-545 ..... c 15 N71-24164 *
US-PATENT-CLASS-156-556 ..... c 37 N76-21554 *
US-PATENT-CLASS-156-59 ..... c 31 N83-34073 *
US-PATENT-CLASS-156-600 ..... c 27 N83-36220 *
US-PATENT-CLASS-156-600 ..... c 76 N90-23242 *
US-PATENT-CLASS-156-600 ..... c 76 N90-24169 *
US-PATENT-CLASS-156-600 ..... c 76 N92-34171 *
US-PATENT-CLASS-156-600 ..... c 76 N94-20528 *
US-PATENT-CLASS-156-601 ..... c 76 N77-32919 *
US-PATENT-CLASS-156-601 ..... c 76 N80-32245 *
US-PATENT-CLASS-156-601 ..... c 76 N90-24169 *
US-PATENT-CLASS-156-602 ..... c 76 N82-30105 *
US-PATENT-CLASS-156-605 ..... c 44 N80-24741 *
US-PATENT-CLASS-156-607 ..... c 76 N87-23286 *
US-PATENT-CLASS-156-607 ..... c 76 N88-24544 *
US-PATENT-CLASS-156-607 ..... c 76 N90-24169 *
US-PATENT-CLASS-156-608 ..... c 76 N79-11920 *
US-PATENT-CLASS-156-608 ..... c 33 N81-19389 *
US-PATENT-CLASS-156-608 ..... c 76 N82-30105 *
US-PATENT-CLASS-156-608 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-608 ..... c 76 N83-35888 *
US-PATENT-CLASS-156-608 ..... c 76 N84-35113 *
US-PATENT-CLASS-156-608 ..... c 76 N90-23242 *
US-PATENT-CLASS-156-608 ..... c 76 N91-15898 *
US-PATENT-CLASS-156-608 ..... c 76 N92-21499 *
US-PATENT-CLASS-156-60 ..... c 15 N71-22713 *
US-PATENT-CLASS-156-610 ..... c 76 N76-25049 *
US-PATENT-CLASS-156-610 ..... c 27 N83-36220 *
US-PATENT-CLASS-156-610 ..... c 76 N86-28760 *
US-PATENT-CLASS-156-612 ..... c 76 N76-25049 *
US-PATENT-CLASS-156-612 ..... c 44 N76-28635 *
US-PATENT-CLASS-156-612 ..... c 76 N85-30922 *
US-PATENT-CLASS-156-612 ..... c 76 N94-20381 *
US-PATENT-CLASS-156-613 ..... c 76 N76-25049 *
US-PATENT-CLASS-156-613 ..... c 44 N76-28635 *
US-PATENT-CLASS-156-613 ..... c 76 N94-23972 *
US-PATENT-CLASS-156-614 ..... c 44 N76-28635 *
US-PATENT-CLASS-156-616.41 .. c 76 N90-20896 *
US-PATENT-CLASS-156-616.4 .... c 76 N90-20896 *
US-PATENT-CLASS-156-617.1 .... c 76 N91-15898 *
US-PATENT-CLASS-156-617.1 .... c 76 N92-21499 *
US-PATENT-CLASS-156-617-H ... c 76 N87-23286 *
US-PATENT-CLASS-156-617-SP . c 76 N84-35113 *
US-PATENT-CLASS-156-617-SP . c 76 N87-23286 *
US-PATENT-CLASS-156-617-V ... c 76 N84-35113 *
US-PATENT-CLASS-156-617SP .. c 76 N79-11920 *
US-PATENT-CLASS-156-617SP .. c 76 N79-23798 *
US-PATENT-CLASS-156-617SP .. c 44 N80-24741 *
US-PATENT-CLASS-156-617SP .. c 76 N80-32245 *
US-PATENT-CLASS-156-619 ..... c 76 N77-32919 *
US-PATENT-CLASS-156-620.1 .... c 76 N91-15898 *
US-PATENT-CLASS-156-620.1 .... c 76 N92-21499 *
US-PATENT-CLASS-156-620.3 .... c 76 N92-21499 *
US-PATENT-CLASS-156-620.4 .... c 76 N92-21499 *
US-PATENT-CLASS-156-620.76 .. c 76 N88-24545 *
US-PATENT-CLASS-156-620 ..... c 76 N77-32919 *
US-PATENT-CLASS-156-621 ..... c 76 N88-14835 *
US-PATENT-CLASS-156-621 ..... c 76 N88-24544 *
US-PATENT-CLASS-156-621 ..... c 76 N92-34171 *
US-PATENT-CLASS-156-621 ..... c 76 N94-20528 *
US-PATENT-CLASS-156-622 ..... c 76 N88-14835 *
US-PATENT-CLASS-156-622 ..... c 76 N94-20528 *
US-PATENT-CLASS-156-623Q .... c 76 N85-29800 *
US-PATENT-CLASS-156-624 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-624 ..... c 76 N86-28760 *
US-PATENT-CLASS-156-624 ..... c 76 N88-14835 *
US-PATENT-CLASS-156-624 ..... c 76 N88-24544 *
US-PATENT-CLASS-156-625 ..... c 24 N91-25199 *
US-PATENT-CLASS-156-630 ..... c 35 N84-22930 *
US-PATENT-CLASS-156-633 ..... c 44 N78-25529 *
US-PATENT-CLASS-156-634 ..... c 24 N91-25199 *
US-PATENT-CLASS-156-635 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-637 ..... c 76 N92-10681 *
US-PATENT-CLASS-156-643 ..... c 52 N84-23095 *
US-PATENT-CLASS-156-643 ..... c 31 N87-21160 *
US-PATENT-CLASS-156-643 ..... c 25 N91-31258 *
US-PATENT-CLASS-156-643 ..... c 76 N92-22040 *
US-PATENT-CLASS-156-643 ..... c 75 N94-20491 *
US-PATENT-CLASS-156-643 ..... c 31 N94-35445 *
US-PATENT-CLASS-156-644 ..... c 52 N84-23095 *
US-PATENT-CLASS-156-645 ..... c 27 N77-32308 *
US-PATENT-CLASS-156-645 ..... c 76 N94-20381 *
US-PATENT-CLASS-156-646 ..... c 31 N87-21160 *
US-PATENT-CLASS-156-646 ..... c 76 N94-20381 *
US-PATENT-CLASS-156-646 ..... c 75 N94-20491 *
US-PATENT-CLASS-156-647 ..... c 33 N81-26360 *
US-PATENT-CLASS-156-648 ..... c 33 N81-26360 *
US-PATENT-CLASS-156-649 ..... c 33 N81-26360 *
US-PATENT-CLASS-156-64 ..... c 33 N93-18285 *
US-PATENT-CLASS-156-654 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-654 ..... c 35 N84-22930 *
US-PATENT-CLASS-156-656 ..... c 25 N92-25399 * #
US-PATENT-CLASS-156-659.1 .... c 31 N87-21160 *
US-PATENT-CLASS-156-661.1 .... c 31 N87-21160 *
US-PATENT-CLASS-156-662 ..... c 76 N83-20789 *
US-PATENT-CLASS-156-662 ..... c 76 N94-20381 *
US-PATENT-CLASS-156-662 ..... c 75 N94-20491 *
US-PATENT-CLASS-156-663 ..... c 27 N77-32308 *
US-PATENT-CLASS-156-664 ..... c 25 N92-25399 * #
US-PATENT-CLASS-156-668 ..... c 52 N84-23095 *
US-PATENT-CLASS-156-668 ..... c 25 N91-31258 *
US-PATENT-CLASS-156-668 ..... c 75 N94-20491 *
US-PATENT-CLASS-156-66 ..... c 15 N72-11392 *
US-PATENT-CLASS-156-71 ..... c 33 N82-26571 *
US-PATENT-CLASS-156-71 ..... c 35 N84-12443 *
US-PATENT-CLASS-156-74 ..... c 24 N81-29163 *
US-PATENT-CLASS-156-7 ..... c 74 N75-12732 *
US-PATENT-CLASS-156-81 ..... c 27 N84-22748 *
US-PATENT-CLASS-156-84 ..... c 15 N72-16330 *
US-PATENT-CLASS-156-84 ..... c 37 N82-24491 *
US-PATENT-CLASS-156-85 ..... c 37 N82-24491 *
US-PATENT-CLASS-156-86 ..... c 15 N72-16330 *
US-PATENT-CLASS-156-86 ..... c 37 N82-24491 *
US-PATENT-CLASS-156-87 ..... c 37 N87-23981 *
US-PATENT-CLASS-156-87 ..... c 24 N94-35075 *
US-PATENT-CLASS-156-89 ..... c 37 N75-15992 *
US-PATENT-CLASS-156-89 ..... c 24 N79-25143 *
US-PATENT-CLASS-156-89 ..... c 27 N84-22748 *
US-PATENT-CLASS-156-904 ..... c 31 N87-21160 *
US-PATENT-CLASS-156-905 ..... c 35 N84-22930 *
US-PATENT-CLASS-156-94 ..... c 32 N74-27612 *
US-PATENT-CLASS-156-94 ..... c 24 N74-30001 *
US-PATENT-CLASS-156-99 ..... c 37 N75-15992 *
US-PATENT-CLASS-159-3 ..... c 25 N88-23846 *
US-PATENT-CLASS-159-48.2 ..... c 25 N88-23846 *
US-PATENT-CLASS-159-900 ..... c 25 N88-23846 *
US-PATENT-CLASS-16-111R ..... c 37 N92-29092 *
US-PATENT-CLASS-16-114R ..... c 37 N92-29092 *
US-PATENT-CLASS-16-114R ..... c 37 N94-29428 *
US-PATENT-CLASS-16-125 ..... c 37 N94-29428 *
US-PATENT-CLASS-16-242 ..... c 31 N86-19479 *
US-PATENT-CLASS-16-292 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-294 ..... c 37 N86-19605 *
US-PATENT-CLASS-16-294 ..... c 18 N87-14373 *
US-PATENT-CLASS-16-297 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-326 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-332 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-345 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-347 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-349 ..... c 18 N88-23827 *
US-PATENT-CLASS-16-370 ..... c 18 N87-14373 *
US-PATENT-CLASS-16-390 ..... c 31 N86-19479 *
US-PATENT-CLASS-160-23R ..... c 37 N87-17036 *
US-PATENT-CLASS-160-265 ..... c 37 N87-17036 *
US-PATENT-CLASS-161-115 ..... c 18 N70-41583 *
US-PATENT-CLASS-161-116 ..... c 37 N74-23064 *
US-PATENT-CLASS-161-127 ..... c 18 N72-25540 *
US-PATENT-CLASS-161-127 ..... c 18 N72-25541 *
US-PATENT-CLASS-161-161 ..... c 33 N71-25351 *
US-PATENT-CLASS-161-182 ..... c 15 N69-39735 * #
US-PATENT-CLASS-161-182 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-189 ..... c 23 N71-15978 *
US-PATENT-CLASS-161-192 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-196 ..... c 37 N74-21063 *
US-PATENT-CLASS-161-214 ..... c 06 N73-27980 *
US-PATENT-CLASS-161-227 ..... c 06 N73-27980 *
US-PATENT-CLASS-161-42 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-43 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-67 ..... c 33 N72-17947 *
US-PATENT-CLASS-161-68 ..... c 18 N71-21651 *
US-PATENT-CLASS-161-68 ..... c 18 N72-25540 *
US-PATENT-CLASS-161-68 ..... c 18 N72-25541 *
US-PATENT-CLASS-161-69 ..... c 33 N71-24858 *
US-PATENT-CLASS-161-7 ..... c 18 N72-25540 *
US-PATENT-CLASS-161-7 ..... c 18 N72-25541 *
US-PATENT-CLASS-161-89 ..... c 17 N71-28747 *
US-PATENT-CLASS-161-92 ..... c 37 N75-26371 *
US-PATENT-CLASS-161-93 ..... c 18 N73-12604 *
US-PATENT-CLASS-161-93 ..... c 37 N74-18126 *
US-PATENT-CLASS-161-93 ..... c 37 N75-26371 *
US-PATENT-CLASS-162-102 ..... c 24 N76-14204 *
US-PATENT-CLASS-162-14 ..... c 85 N79-17747 *
US-PATENT-CLASS-162-153 ..... c 24 N76-14204 *
US-PATENT-CLASS-162-222 ..... c 24 N76-14204 *
US-PATENT-CLASS-162-228 ..... c 24 N76-14204 *
US-PATENT-CLASS-162-29 ..... c 85 N79-17747 *

US-PATENT-CLASS-162-50 ..... c 25 N93-22036 *
US-PATENT-CLASS-162-72 ..... c 25 N93-22036 *
US-PATENT-CLASS-162-76 ..... c 25 N93-22036 *
US-PATENT-CLASS-164-105 ..... c 20 N79-21123 *
US-PATENT-CLASS-164-113 ..... c 31 N90-21216 *
US-PATENT-CLASS-164-119 ..... c 24 N84-16262 *
US-PATENT-CLASS-164-122.1 .... c 26 N91-14462 *
US-PATENT-CLASS-164-132 ..... c 37 N76-23570 *
US-PATENT-CLASS-164-284 ..... c 31 N90-21216 *
US-PATENT-CLASS-164-331.12 .. c 27 N83-34041 *
US-PATENT-CLASS-164-338.1 .... c 26 N91-14462 *
US-PATENT-CLASS-164-60 ..... c 24 N77-27187 *
US-PATENT-CLASS-165-DIG.6 .... c 34 N84-22903 *
US-PATENT-CLASS-165-104.14 .. c 05 N81-26114 *
US-PATENT-CLASS-165-104.14 .. c 34 N85-29179 *
US-PATENT-CLASS-165-104.14 .. c 34 N86-27593 *
US-PATENT-CLASS-165-104.14 .. c 34 N87-22950 *
US-PATENT-CLASS-165-104.14 .. c 34 N88-23958 *
US-PATENT-CLASS-165-104.14 .. c 34 N89-14392 *
US-PATENT-CLASS-165-104.14 .. c 34 N91-21473 *
US-PATENT-CLASS-165-104.14 .. c 34 N92-29125 *
US-PATENT-CLASS-165-104.17 .. c 34 N94-20371 *
US-PATENT-CLASS-165-104.22 .. c 34 N92-29125 *
US-PATENT-CLASS-165-104.25 .. c 34 N87-22950 *
US-PATENT-CLASS-165-104.26 .. c 74 N83-19596 *
US-PATENT-CLASS-165-104.26 .. c 34 N83-35307 *
US-PATENT-CLASS-165-104.26 .. c 34 N85-21568 *
US-PATENT-CLASS-165-104.26 .. c 34 N85-29180 *
US-PATENT-CLASS-165-104.26 .. c 34 N86-27593 *
US-PATENT-CLASS-165-104.26 .. c 34 N87-22950 *
US-PATENT-CLASS-165-104.26 .. c 34 N88-29133 *
US-PATENT-CLASS-165-104.26 .. c 34 N89-14392 *
US-PATENT-CLASS-165-104.26 .. c 27 N90-23541 *
US-PATENT-CLASS-165-104.26 .. c 31 N90-23587 *
US-PATENT-CLASS-165-104.31 .. c 31 N91-15424 *
US-PATENT-CLASS-165-104.31 .. c 34 N92-28752 *
US-PATENT-CLASS-165-104.31 .. c 34 N94-20495 *
US-PATENT-CLASS-165-104.34 .. c 34 N92-28752 *
US-PATENT-CLASS-165-104 ..... c 33 N71-25353 *
US-PATENT-CLASS-165-104 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-105 ..... c 09 N71-24807 *
US-PATENT-CLASS-165-105 ..... c 33 N71-25353 *
US-PATENT-CLASS-165-105 ..... c 33 N72-17948 *
US-PATENT-CLASS-165-105 ..... c 31 N73-30829 *
US-PATENT-CLASS-165-105 ..... c 28 N73-32606 *
US-PATENT-CLASS-165-105 ..... c 34 N74-18552 *
US-PATENT-CLASS-165-105 ..... c 34 N75-12222 *
US-PATENT-CLASS-165-105 ..... c 44 N75-32581 *
US-PATENT-CLASS-165-105 ..... c 44 N76-16612 *
US-PATENT-CLASS-165-105 ..... c 34 N76-17317 *
US-PATENT-CLASS-165-105 ..... c 34 N76-27515 *
US-PATENT-CLASS-165-105 ..... c 34 N77-32413 *
US-PATENT-CLASS-165-105 ..... c 25 N78-10224 *
US-PATENT-CLASS-165-105 ..... c 34 N78-17336 *
US-PATENT-CLASS-165-105 ..... c 34 N78-17337 *
US-PATENT-CLASS-165-105 ..... c 44 N79-18443 *
US-PATENT-CLASS-165-105 ..... c 37 N79-28549 *
US-PATENT-CLASS-165-105 ..... c 34 N79-31523 *
US-PATENT-CLASS-165-105 ..... c 35 N81-14287 *
US-PATENT-CLASS-165-106 ..... c 33 N73-32818 *
US-PATENT-CLASS-165-106 ..... c 34 N76-17317 *
US-PATENT-CLASS-165-107 ..... c 09 N71-24807 *
US-PATENT-CLASS-165-107 ..... c 44 N77-32581 *
US-PATENT-CLASS-165-109.1 .... c 34 N92-28752 *
US-PATENT-CLASS-165-109.1 .... c 34 N94-20495 *
US-PATENT-CLASS-165-109 ..... c 35 N74-15093 *
US-PATENT-CLASS-165-10 ..... c 44 N76-31667 *
US-PATENT-CLASS-165-10 ..... c 34 N94-20371 *
US-PATENT-CLASS-165-110 ..... c 77 N75-20139 *
US-PATENT-CLASS-165-110 ..... c 34 N92-28752 *
US-PATENT-CLASS-165-110 ..... c 34 N94-20495 *
US-PATENT-CLASS-165-111 ..... c 77 N75-20139 *
US-PATENT-CLASS-165-12 ..... c 33 N71-24276 *
US-PATENT-CLASS-165-12 ..... c 34 N83-34221 *
US-PATENT-CLASS-165-133 ..... c 33 N71-16277 *
US-PATENT-CLASS-165-133 ..... c 33 N71-25353 *
US-PATENT-CLASS-165-133 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-133 ..... c 44 N76-23675 *
US-PATENT-CLASS-165-133 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-134R .... c 74 N83-19596 *
US-PATENT-CLASS-165-134 ..... c 34 N78-17336 *
US-PATENT-CLASS-165-135 ..... c 34 N84-22903 *
US-PATENT-CLASS-165-138 ..... c 09 N71-24807 *
US-PATENT-CLASS-165-13 ..... c 34 N88-23958 *
US-PATENT-CLASS-165-141 ..... c 28 N73-32606 *
US-PATENT-CLASS-165-146 ..... c 34 N79-13289 *
US-PATENT-CLASS-165-155 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-156 ..... c 25 N90-11824 *
US-PATENT-CLASS-165-158 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-161 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-164 ..... c 34 N77-10463 *
US-PATENT-CLASS-165-166 ..... c 54 N77-32722 *
US-PATENT-CLASS-165-169 ..... c 34 N79-13288 *
US-PATENT-CLASS-165-169 ..... c 34 N79-13289 *
US-PATENT-CLASS-165-16 ..... c 31 N80-32583 *
US-PATENT-CLASS-165-170 ..... c 34 N77-10463 *
US-PATENT-CLASS-165-170 ..... c 34 N88-29132 *
US-PATENT-CLASS-165-174 ..... c 33 N72-20915 *
US-PATENT-CLASS-165-180 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-185 ..... c 28 N73-32606 *
US-PATENT-CLASS-165-185 ..... c 34 N83-28356 *
US-PATENT-CLASS-165-185 ..... c 31 N91-27385 *
US-PATENT-CLASS-165-185 ..... c 24 N93-29614 *
US-PATENT-CLASS-165-185 ..... c 24 N94-35076 *
US-PATENT-CLASS-165-1 ..... c 09 N70-41717 *
US-PATENT-CLASS-165-1 ..... c 34 N75-12222 *
US-PATENT-CLASS-165-1 ..... c 34 N85-29180 *
US-PATENT-CLASS-165-1 ..... c 34 N87-22950 *
US-PATENT-CLASS-165-1 ..... c 34 N88-23958 *
US-PATENT-CLASS-165-1 ..... c 31 N91-27385 *
US-PATENT-CLASS-165-1 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-20 ..... c 03 N72-28025 *
US-PATENT-CLASS-165-20 ..... c 35 N91-21496 *
US-PATENT-CLASS-165-2 ..... c 33 N71-24876 *
US-PATENT-CLASS-165-2 ..... c 35 N74-15093 *
US-PATENT-CLASS-165-2 ..... c 44 N77-32581 *
US-PATENT-CLASS-165-2 ..... c 44 N78-17460 *
US-PATENT-CLASS-165-2 ..... c 51 N79-10694 *
US-PATENT-CLASS-165-2 ..... c 27 N83-36220 *
US-PATENT-CLASS-165-30 ..... c 51 N79-10694 *
US-PATENT-CLASS-165-30 ..... c 31 N79-17029 *
US-PATENT-CLASS-165-30 ..... c 35 N86-20750 *
US-PATENT-CLASS-165-32 ..... c 31 N73-30829 *
US-PATENT-CLASS-165-32 ..... c 33 N73-32818 *
US-PATENT-CLASS-165-32 ..... c 34 N78-17337 *
US-PATENT-CLASS-165-32 ..... c 34 N79-31523 *
US-PATENT-CLASS-165-32 ..... c 44 N80-20810 *
US-PATENT-CLASS-165-32 ..... c 33 N82-24419 *
US-PATENT-CLASS-165-32 ..... c 34 N83-28356 *
US-PATENT-CLASS-165-32 ..... c 34 N83-35307 *
US-PATENT-CLASS-165-32 ..... c 34 N84-14461 *
US-PATENT-CLASS-165-32 ..... c 34 N85-29179 *
US-PATENT-CLASS-165-32 ..... c 34 N90-21999 *
US-PATENT-CLASS-165-34 ..... c 34 N87-22950 *
US-PATENT-CLASS-165-3 ..... c 03 N72-28025 *
US-PATENT-CLASS-165-41 ..... c 34 N84-14461 *
US-PATENT-CLASS-165-41 ..... c 34 N86-27593 *
US-PATENT-CLASS-165-41 ..... c 34 N88-23958 *
US-PATENT-CLASS-165-41 ..... c 35 N89-12048 *
US-PATENT-CLASS-165-41 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-41 ..... c 27 N90-23541 *
US-PATENT-CLASS-165-41 ..... c 31 N90-23587 *
US-PATENT-CLASS-165-41 ..... c 31 N91-15424 *
US-PATENT-CLASS-165-41 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-41 ..... c 34 N92-28752 *
US-PATENT-CLASS-165-41 ..... c 34 N92-29125 *
US-PATENT-CLASS-165-41 ..... c 37 N94-20127 *
US-PATENT-CLASS-165-44 ..... c 15 N71-26611 *
US-PATENT-CLASS-165-46 ..... c 05 N71-19439 *
US-PATENT-CLASS-165-46 ..... c 05 N71-24147 *
US-PATENT-CLASS-165-46 ..... c 05 N73-20137 *
US-PATENT-CLASS-165-46 ..... c 05 N73-26071 *
US-PATENT-CLASS-165-46 ..... c 54 N82-29002 *
US-PATENT-CLASS-165-46 ..... c 34 N90-21999 *
US-PATENT-CLASS-165-47 ..... c 33 N71-29052 *
US-PATENT-CLASS-165-47 ..... c 31 N73-30829 *
US-PATENT-CLASS-165-47 ..... c 34 N75-12222 *
US-PATENT-CLASS-165-48.2 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-48R ..... c 35 N85-29214 *
US-PATENT-CLASS-165-4 ..... c 34 N92-28752 *
US-PATENT-CLASS-165-58 ..... c 27 N83-36220 *
US-PATENT-CLASS-165-61 ..... c 34 N83-34221 *
US-PATENT-CLASS-165-61 ..... c 35 N85-29214 *
US-PATENT-CLASS-165-61 ..... c 35 N86-20750 *
US-PATENT-CLASS-165-61 ..... c 31 N89-12785 *
US-PATENT-CLASS-165-64 ..... c 35 N85-29214 *
US-PATENT-CLASS-165-65 ..... c 35 N86-20750 *
US-PATENT-CLASS-165-76 ..... c 34 N83-28356 *
US-PATENT-CLASS-165-76 ..... c 37 N86-32736 * #
US-PATENT-CLASS-165-78 ..... c 34 N90-21999 *
US-PATENT-CLASS-165-78 ..... c 34 N94-20371 *
US-PATENT-CLASS-165-80E ..... c 34 N83-34221 *
US-PATENT-CLASS-165-81 ..... c 34 N88-29132 *
US-PATENT-CLASS-165-81 ..... c 25 N90-11824 *
US-PATENT-CLASS-165-83 ..... c 25 N90-11824 *
US-PATENT-CLASS-165-86 ..... c 15 N71-26611 *
US-PATENT-CLASS-165-86 ..... c 33 N71-29046 *
US-PATENT-CLASS-165-86 ..... c 34 N91-21473 *
US-PATENT-CLASS-165-86 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-903 ..... c 34 N94-20495 *
US-PATENT-CLASS-165-904 ..... c 35 N89-12048 *
US-PATENT-CLASS-165-904 ..... c 31 N91-15424 *
US-PATENT-CLASS-165-904 ..... c 54 N92-21589 *
US-PATENT-CLASS-165-904 ..... c 37 N94-20127 *
US-PATENT-CLASS-165-905 ..... c 34 N88-29133 *
US-PATENT-CLASS-165-905 ..... c 34 N90-20323 *
US-PATENT-CLASS-165-905 ..... c 27 N90-23541 *
US-PATENT-CLASS-165-913 ..... c 34 N94-20495 *
US-PATENT-CLASS-165-96 ..... c 33 N70-36847 *
US-PATENT-CLASS-165-96 ..... c 33 N71-22890 *
US-PATENT-CLASS-165-96 ..... c 31 N73-30829 *
US-PATENT-CLASS-165-96 ..... c 33 N73-32818 *
US-PATENT-CLASS-165-96 ..... c 34 N78-17337 *
US-PATENT-CLASS-165-96 ..... c 34 N84-14461 *
US-PATENT-CLASS-165-96 ..... c 31 N89-12785 *
US-PATENT-CLASS-165-96 ..... c 34 N90-21999 *
US-PATENT-CLASS-165-96 ..... c 34 N91-21473 *
US-PATENT-CLASS-165-97 ..... c 34 N94-20495 *
US-PATENT-CLASS-166-222 ..... c 43 N81-26509 *
US-PATENT-CLASS-166-248 ..... c 43 N78-14452 *
US-PATENT-CLASS-166-259 ..... c 43 N78-14452 *
US-PATENT-CLASS-166-267 ..... c 25 N82-23282 *
US-PATENT-CLASS-166-303 ..... c 25 N82-23282 *
US-PATENT-CLASS-166-343 ..... c 18 N90-20126 *
US-PATENT-CLASS-166-63 ..... c 46 N79-22679 *
US-PATENT-CLASS-166-77 ..... c 43 N81-26509 *
US-PATENT-CLASS-169-28 ..... c 12 N72-21310 *
US-PATENT-CLASS-169-36 ..... c 12 N72-21310 *
US-PATENT-CLASS-169-47 ..... c 25 N83-36118 *
US-PATENT-CLASS-169-62 ..... c 31 N81-14137 *
US-PATENT-CLASS-169-70 ..... c 31 N81-14137 *
US-PATENT-CLASS-173-131 ..... c 15 N73-13463 *
US-PATENT-CLASS-173-132 ..... c 37 N76-18454 *
US-PATENT-CLASS-174-DIG.6 .... c 26 N73-26752 *
US-PATENT-CLASS-174-DIG.6 .... c 26 N73-32571 *
US-PATENT-CLASS-174-DIG.8 .... c 33 N74-22865 *
US-PATENT-CLASS-174-106R .... c 09 N72-22198 *
US-PATENT-CLASS-174-110.3 .... c 14 N71-27186 *
US-PATENT-CLASS-174-111 ..... c 33 N74-27683 *
US-PATENT-CLASS-174-115 ..... c 09 N70-38201 *
US-PATENT-CLASS-174-117FF .. c 09 N72-22198 *
US-PATENT-CLASS-174-126CP .. c 26 N73-32571 *
US-PATENT-CLASS-174-142 ..... c 33 N80-18286 *
US-PATENT-CLASS-174-145 ..... c 33 N76-16332 *
US-PATENT-CLASS-174-148 ..... c 33 N76-16332 *
US-PATENT-CLASS-174-15CA .... c 31 N79-17029 *
US-PATENT-CLASS-174-15C ..... c 33 N74-27683 *
US-PATENT-CLASS-174-16.3 ..... c 24 N93-29614 *
US-PATENT-CLASS-174-18 ..... c 09 N69-21542 * #
US-PATENT-CLASS-174-28 ..... c 07 N71-27191 *
US-PATENT-CLASS-174-28 ..... c 33 N74-27683 *
US-PATENT-CLASS-174-35 ..... c 07 N71-19436 *
US-PATENT-CLASS-174-36 ..... c 09 N72-22198 *
US-PATENT-CLASS-174-52-PE ... c 33 N88-23941 *
US-PATENT-CLASS-174-52-R ..... c 33 N88-23941 *
US-PATENT-CLASS-174-52-S ..... c 33 N88-23941 *
US-PATENT-CLASS-174-52S ..... c 15 N73-14469 *
US-PATENT-CLASS-174-68.5 ..... c 15 N70-41960 *
US-PATENT-CLASS-174-69 ..... c 33 N74-22865 *
US-PATENT-CLASS-174-70R ..... c 33 N74-22865 *
US-PATENT-CLASS-174-72 ..... c 03 N69-21539 * #
US-PATENT-CLASS-174-73R ..... c 33 N80-18286 *
US-PATENT-CLASS-174-84 ..... c 15 N72-17455 *
US-PATENT-CLASS-175-1 ..... c 46 N79-22679 *
US-PATENT-CLASS-175-26 ..... c 15 N73-32362 *
US-PATENT-CLASS-175-310 ..... c 15 N70-42034 *
US-PATENT-CLASS-175-323 ..... c 14 N69-21923 * #
US-PATENT-CLASS-175-45 ..... c 35 N84-33768 *
US-PATENT-CLASS-175-78 ..... c 46 N80-10709 *
US-PATENT-CLASS-176-11 ..... c 24 N72-33681 *
US-PATENT-CLASS-176-11 ..... c 25 N76-27383 *
US-PATENT-CLASS-176-11 ..... c 25 N76-29379 *
US-PATENT-CLASS-176-11 ..... c 25 N78-27226 *
US-PATENT-CLASS-176-14 ..... c 25 N76-29379 *
US-PATENT-CLASS-176-169 ..... c 22 N73-32528 *
US-PATENT-CLASS-176-16 ..... c 25 N76-27383 *
US-PATENT-CLASS-176-16 ..... c 25 N76-29379 *
US-PATENT-CLASS-176-16 ..... c 25 N78-27226 *
US-PATENT-CLASS-176-22 ..... c 73 N78-28913 *
US-PATENT-CLASS-176-33 ..... c 73 N78-28913 *
US-PATENT-CLASS-176-39 ..... c 73 N78-19920 *
US-PATENT-CLASS-176-39 ..... c 73 N78-28913 *
US-PATENT-CLASS-176-3 ..... c 75 N75-13625 *
US-PATENT-CLASS-176-45 ..... c 22 N71-28759 *
US-PATENT-CLASS-176-86G ..... c 22 N72-20597 *
US-PATENT-CLASS-177-147 ..... c 35 N85-20294 *
US-PATENT-CLASS-177-1 ..... c 35 N77-19385 *
US-PATENT-CLASS-177-200 ..... c 35 N74-26945 *
US-PATENT-CLASS-177-208 ..... c 35 N77-19385 *
US-PATENT-CLASS-177-210 ..... c 14 N71-10773 *
US-PATENT-CLASS-177-211 ..... c 35 N74-26945 *
US-PATENT-CLASS-177-246 ..... c 35 N74-26945 *
US-PATENT-CLASS-177-260 ..... c 35 N85-20294 *
US-PATENT-CLASS-178-DIG.12 . c 07 N72-12081 *
US-PATENT-CLASS-178-DIG.12 . c 32 N75-21485 *
US-PATENT-CLASS-178-DIG.1 .... c 36 N74-20009 *
US-PATENT-CLASS-178-DIG.1 .... c 33 N75-30431 *
US-PATENT-CLASS-178-DIG.1 .... c 45 N76-17656 *
US-PATENT-CLASS-178-DIG.20 .. c 18 N76-14186 *
US-PATENT-CLASS-178-DIG.20 . c 23 N72-27728 *
US-PATENT-CLASS-178-DIG.20 . c 35 N75-19613 *
US-PATENT-CLASS-178-DIG.21 . c 16 N72-13437 *
US-PATENT-CLASS-178-DIG.23 . c 07 N73-30115 *
US-PATENT-CLASS-178-DIG.25 . c 74 N75-25706 *
US-PATENT-CLASS-178-DIG.28 . c 08 N72-22164 *
US-PATENT-CLASS-178-DIG.29 . c 35 N75-25123 *
US-PATENT-CLASS-178-DIG.32 . c 71 N74-21014 *
US-PATENT-CLASS-178-DIG.35 . c 09 N76-24280 *

US-PATENT-CLASS-178-DIG.36 . c 08 N72-22164 *
US-PATENT-CLASS-178-DIG.6 .... c 10 N73-13235 *
US-PATENT-CLASS-178-DIG.8 .... c 14 N72-25412 *
US-PATENT-CLASS-178-DIG.8 .... c 45 N76-17656 *
US-PATENT-CLASS-178-15 ..... c 33 N75-19517 *
US-PATENT-CLASS-178-18 ..... c 10 N73-32143 *
US-PATENT-CLASS-178-22.16 .... c 32 N82-31583 *
US-PATENT-CLASS-178-22.17 .... c 32 N82-31583 *
US-PATENT-CLASS-178-5.2R ..... c 09 N71-28618 *
US-PATENT-CLASS-178-5.2R ..... c 07 N72-17109 *
US-PATENT-CLASS-178-5.4 ..... c 07 N72-17109 *
US-PATENT-CLASS-178-5.8R ..... c 71 N74-21014 *
US-PATENT-CLASS-178-50 ..... c 08 N72-18184 *
US-PATENT-CLASS-178-50 ..... c 08 N72-25208 *
US-PATENT-CLASS-178-52 ..... c 08 N72-22162 *
US-PATENT-CLASS-178-54CF .... c 09 N71-28618 *
US-PATENT-CLASS-178-54PE .... c 09 N71-28618 *
US-PATENT-CLASS-178-58A ..... c 32 N75-21486 *
US-PATENT-CLASS-178-58R ..... c 32 N80-18252 *
US-PATENT-CLASS-178-6.5 ..... c 23 N72-27728 *
US-PATENT-CLASS-178-6.6DD ... c 07 N73-30115 *
US-PATENT-CLASS-178-6.6DD ... c 35 N74-11283 *
US-PATENT-CLASS-178-6.6 ..... c 07 N71-11300 *
US-PATENT-CLASS-178-6.6 ..... c 07 N71-26102 *
US-PATENT-CLASS-178-6.7R .... c 35 N74-15831 *
US-PATENT-CLASS-178-6.7 ..... c 07 N72-17109 *
US-PATENT-CLASS-178-6.8 ..... c 08 N72-22164 *
US-PATENT-CLASS-178-6.8 ..... c 14 N72-25412 *
US-PATENT-CLASS-178-6.8 ..... c 07 N73-30115 *
US-PATENT-CLASS-178-6.8 ..... c 33 N75-30431 *
US-PATENT-CLASS-178-6.8 ..... c 45 N76-17656 *
US-PATENT-CLASS-178-66R ..... c 32 N75-24981 *
US-PATENT-CLASS-178-66 ..... c 09 N71-25866 *
US-PATENT-CLASS-178-66 ..... c 08 N72-18184 *
US-PATENT-CLASS-178-67 ..... c 08 N70-41961 *
US-PATENT-CLASS-178-67 ..... c 32 N74-26654 *
US-PATENT-CLASS-178-69.1 ..... c 32 N78-15323 *
US-PATENT-CLASS-178-69.4R ... c 32 N74-10132 *
US-PATENT-CLASS-178-69.5R ... c 07 N72-20140 *
US-PATENT-CLASS-178-69.5R ... c 32 N75-26195 *
US-PATENT-CLASS-178-69.5R ... c 33 N76-14371 *
US-PATENT-CLASS-178-69.5R ... c 60 N77-19760 *
US-PATENT-CLASS-178-69.5 ..... c 07 N71-11281 *
US-PATENT-CLASS-178-69.5 ..... c 10 N71-19468 *
US-PATENT-CLASS-178-69.5 ..... c 10 N71-25865 *
US-PATENT-CLASS-178-69.5 ..... c 10 N71-33407 *
US-PATENT-CLASS-178-69.5 ..... c 07 N72-25173 *
US-PATENT-CLASS-178-69.5 ..... c 07 N73-13149 *
US-PATENT-CLASS-178-69.5 ..... c 09 N73-28084 *
US-PATENT-CLASS-178-69.5 ..... c 17 N76-22245 *
US-PATENT-CLASS-178-69A ..... c 35 N75-21582 *
US-PATENT-CLASS-178-69C ..... c 32 N76-16249 *
US-PATENT-CLASS-178-6 ..... c 07 N71-19433 *
US-PATENT-CLASS-178-6 ..... c 09 N71-19449 *
US-PATENT-CLASS-178-6 ..... c 07 N71-23026 *
US-PATENT-CLASS-178-6 ..... c 07 N71-26579 *
US-PATENT-CLASS-178-6 ..... c 07 N72-12081 *
US-PATENT-CLASS-178-6 ..... c 16 N72-13437 *
US-PATENT-CLASS-178-6 ..... c 10 N73-13235 *
US-PATENT-CLASS-178-6 ..... c 36 N74-20009 *
US-PATENT-CLASS-178-7.1 ..... c 07 N71-24612 *
US-PATENT-CLASS-178-7.1 ..... c 07 N71-27341 *
US-PATENT-CLASS-178-7.1 ..... c 09 N72-17156 *
US-PATENT-CLASS-178-7.1 ..... c 32 N74-19790 *
US-PATENT-CLASS-178-7.1 ..... c 36 N75-19652 *
US-PATENT-CLASS-178-7.2R .... c 08 N72-22164 *
US-PATENT-CLASS-178-7.2 ..... c 14 N70-41807 *
US-PATENT-CLASS-178-7.2 ..... c 71 N74-21014 *
US-PATENT-CLASS-178-7.2 ..... c 35 N75-25123 *
US-PATENT-CLASS-178-7.3 ..... c 07 N71-27341 *
US-PATENT-CLASS-178-7.3 ..... c 07 N72-12081 *
US-PATENT-CLASS-178-7.5E .... c 10 N72-31273 *
US-PATENT-CLASS-178-7.6 ..... c 36 N74-20009 *
US-PATENT-CLASS-178-7.7 ..... c 09 N71-12539 *
US-PATENT-CLASS-178-7.7 ..... c 32 N74-20813 *
US-PATENT-CLASS-178-7.89 .... c 09 N76-24280 *
US-PATENT-CLASS-178-7.92 .... c 14 N72-25414 *
US-PATENT-CLASS-178-79 ..... c 32 N75-21486 *
US-PATENT-CLASS-178-88 ..... c 07 N71-12392 *
US-PATENT-CLASS-178-88 ..... c 33 N74-12887 *
US-PATENT-CLASS-178-88 ..... c 32 N74-20809 *
US-PATENT-CLASS-178-88 ..... c 33 N74-27705 *
US-PATENT-CLASS-178-88 ..... c 33 N76-14371 *
US-PATENT-CLASS-178-88 ..... c 32 N76-16249 *
US-PATENT-CLASS-178-88 ..... c 32 N77-10392 *
US-PATENT-CLASS-178-88 ..... c 32 N77-24331 *
US-PATENT-CLASS-179-1DM .... c 71 N79-23753 *
US-PATENT-CLASS-179-1MF .... c 71 N79-23753 *
US-PATENT-CLASS-179-1MN .... c 32 N79-23310 *
US-PATENT-CLASS-179-1P ..... c 10 N73-12244 *
US-PATENT-CLASS-179-1R ..... c 07 N71-33108 *
US-PATENT-CLASS-179-1SA .... c 10 N73-25240 *
US-PATENT-CLASS-179-1SA .... c 32 N76-31372 *
US-PATENT-CLASS-179-1SA .... c 32 N77-30309 *
US-PATENT-CLASS-179-1SP .... c 32 N77-30309 *
US-PATENT-CLASS-179-1VC .... c 07 N71-33108 *

US-PATENT-CLASS-179-100.2A . c 21 N73-13644 *
US-PATENT-CLASS-179-100.2A . c 32 N74-27612 *
US-PATENT-CLASS-179-100.2B . c 32 N74-27612 *
US-PATENT-CLASS-179-100.2CH c 36 N74-13205 *
US-PATENT-CLASS-179-100.2CH c 35 N78-29421 *
US-PATENT-CLASS-179-100.2CH c 35 N79-16246 *
US-PATENT-CLASS-179-100.2C . c 35 N77-21392 *
US-PATENT-CLASS-179-100.2K . c 07 N72-21119 *
US-PATENT-CLASS-179-100.2MD c 35 N74-11283 *
US-PATENT-CLASS-179-100.2T .. c 35 N74-11283 *
US-PATENT-CLASS-179-100.2 .... c 09 N69-24329 * #
US-PATENT-CLASS-179-100.2 .... c 09 N71-25866 *
US-PATENT-CLASS-179-100.2 .... c 08 N71-27210 *
US-PATENT-CLASS-179-100.2 .... c 08 N71-27255 *
US-PATENT-CLASS-179-100-2CA c 09 N72-11224 *
US-PATENT-CLASS-179-100-2MD c 09 N72-11224 *
US-PATENT-CLASS-179-107R .... c 33 N78-10375 *
US-PATENT-CLASS-179-15.55R . c 08 N72-11171 *
US-PATENT-CLASS-179-15.55R . c 08 N72-33172 *
US-PATENT-CLASS-179-15AN .... c 07 N73-16121 *
US-PATENT-CLASS-179-15AT .... c 32 N74-30524 *
US-PATENT-CLASS-179-15A ..... c 08 N72-22162 *
US-PATENT-CLASS-179-15A ..... c 07 N73-26118 *
US-PATENT-CLASS-179-15BA .... c 60 N77-12721 *
US-PATENT-CLASS-179-15BA .... c 32 N80-18252 *
US-PATENT-CLASS-179-15BC .... c 08 N72-25208 *
US-PATENT-CLASS-179-15BC .... c 07 N73-16121 *
US-PATENT-CLASS-179-15BC .... c 32 N74-30523 *
US-PATENT-CLASS-179-15BC .... c 33 N75-26243 *
US-PATENT-CLASS-179-15BL .... c 08 N72-22162 *
US-PATENT-CLASS-179-15BM ... c 07 N73-26118 *
US-PATENT-CLASS-179-15BS .... c 10 N71-33407 *
US-PATENT-CLASS-179-15BS .... c 07 N72-20140 *
US-PATENT-CLASS-179-15BS .... c 07 N73-30115 *
US-PATENT-CLASS-179-15BS .... c 32 N75-26195 *
US-PATENT-CLASS-179-15BS .... c 60 N77-19760 *
US-PATENT-CLASS-179-15BV .... c 07 N72-25172 *
US-PATENT-CLASS-179-15BY .... c 32 N74-30524 *
US-PATENT-CLASS-179-15FD .... c 08 N72-25208 *
US-PATENT-CLASS-179-15FS .... c 07 N73-28012 *
US-PATENT-CLASS-179-15 ..... c 07 N69-39978 * #
US-PATENT-CLASS-179-15 ..... c 07 N71-20814 *
US-PATENT-CLASS-179-15 ..... c 07 N71-24621 *
US-PATENT-CLASS-179-15 ..... c 07 N71-24622 *
US-PATENT-CLASS-179-15 ..... c 08 N72-18184 *
US-PATENT-CLASS-179-175.1A . c 14 N73-27379 *
US-PATENT-CLASS-179-175.1A . c 33 N78-10375 *
US-PATENT-CLASS-179-18BC .... c 32 N86-27513 *
US-PATENT-CLASS-179-18GF .... c 33 N82-29538 *
US-PATENT-CLASS-179-1 ..... c 07 N71-26181 *
US-PATENT-CLASS-179-1 ..... c 31 N71-33160 *
US-PATENT-CLASS-179-27CA .... c 32 N79-23310 *
US-PATENT-CLASS-179-78 ..... c 33 N81-27397 *
US-PATENT-CLASS-179-84VF .... c 32 N79-23310 *
US-PATENT-CLASS-179-91R ..... c 74 N78-14889 *
US-PATENT-CLASS-18-26 ..... c 06 N71-22975 *
US-PATENT-CLASS-18-39 ..... c 27 N70-34783 *
US-PATENT-CLASS-18-6 ..... c 15 N71-26721 *
US-PATENT-CLASS-180-105E .... c 11 N72-20244 *
US-PATENT-CLASS-180-118 ..... c 31 N71-15689 *
US-PATENT-CLASS-180-121 ..... c 31 N71-15689 *
US-PATENT-CLASS-180-125 ..... c 15 N72-17451 *
US-PATENT-CLASS-180-127 ..... c 15 N72-17451 *
US-PATENT-CLASS-180-168 ..... c 35 N84-33769 *
US-PATENT-CLASS-180-19.2 ..... c 85 N87-21755 *
US-PATENT-CLASS-180-305 ..... c 85 N87-21755 *
US-PATENT-CLASS-180-41 ..... c 11 N73-26238 *
US-PATENT-CLASS-180-6.5 ..... c 11 N73-26238 *
US-PATENT-CLASS-180-7.1 ..... c 37 N94-20494 * #
US-PATENT-CLASS-180-7R ..... c 11 N73-26238 *
US-PATENT-CLASS-180-79.3 ..... c 37 N74-18125 *
US-PATENT-CLASS-180-8.6 ..... c 18 N88-23828 *
US-PATENT-CLASS-180-8A ..... c 11 N73-26238 *
US-PATENT-CLASS-180-9.2R .... c 11 N73-26238 *
US-PATENT-CLASS-180-9.5 ..... c 11 N73-26238 *
US-PATENT-CLASS-181.5R ..... c 71 N74-31148 *
US-PATENT-CLASS-181-.5 ..... c 11 N71-28779 *
US-PATENT-CLASS-181-0.5 ..... c 71 N85-30765 *
US-PATENT-CLASS-181-0.5 ..... c 71 N88-24241 *
US-PATENT-CLASS-181-0.5 ..... c 31 N90-21215 *
US-PATENT-CLASS-181-0.5 ..... c 71 N91-14808 *
US-PATENT-CLASS-181-102 ..... c 39 N80-10507 *
US-PATENT-CLASS-181-102 ..... c 31 N80-32584 *
US-PATENT-CLASS-181-105 ..... c 39 N80-10507 *
US-PATENT-CLASS-181-106 ..... c 46 N79-22679 *
US-PATENT-CLASS-181-115 ..... c 46 N79-23555 *
US-PATENT-CLASS-181-117 ..... c 46 N79-22679 *
US-PATENT-CLASS-181-120 ..... c 46 N79-23555 *
US-PATENT-CLASS-181-121 ..... c 35 N84-22933 *
US-PATENT-CLASS-181-148 ..... c 71 N79-23753 *
US-PATENT-CLASS-181-190 ..... c 71 N79-14871 *
US-PATENT-CLASS-181-206 ..... c 71 N91-27913 *
US-PATENT-CLASS-181-213 ..... c 71 N79-14871 *
US-PATENT-CLASS-181-213 ..... c 07 N83-33884 *
US-PATENT-CLASS-181-214 ..... c 07 N81-14999 *
US-PATENT-CLASS-181-214 ..... c 71 N82-16800 *

US-PATENT-CLASS-181-222 ..... c 71 N79-14871 *
US-PATENT-CLASS-181-286 ..... c 24 N90-21822 *
US-PATENT-CLASS-181-286 ..... c 71 N91-27913 *
US-PATENT-CLASS-181-290 ..... c 24 N90-21822 *
US-PATENT-CLASS-181-290 ..... c 71 N91-27913 *
US-PATENT-CLASS-181-293 ..... c 71 N79-14871 *
US-PATENT-CLASS-181-295 ..... c 71 N91-27913 *
US-PATENT-CLASS-181-33C ..... c 07 N74-32418 *
US-PATENT-CLASS-181-33F ..... c 07 N74-32418 *
US-PATENT-CLASS-181-33HB .... c 07 N74-27490 *
US-PATENT-CLASS-181-33HC .... c 07 N74-33218 *
US-PATENT-CLASS-181-33HC .... c 07 N76-18117 *
US-PATENT-CLASS-181-33H ..... c 07 N74-32418 *
US-PATENT-CLASS-181-33L ..... c 07 N74-32418 *
US-PATENT-CLASS-181-42 ..... c 07 N74-32418 *
US-PATENT-CLASS-181-43 ..... c 07 N74-15453 *
US-PATENT-CLASS-181-52 ..... c 28 N70-41582 *
US-PATENT-CLASS-182-103 ..... c 18 N89-12621 *
US-PATENT-CLASS-182-10 ..... c 15 N71-27067 *
US-PATENT-CLASS-182-129 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-134 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-141 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-152 ..... c 31 N87-25492 *
US-PATENT-CLASS-182-178 ..... c 39 N76-31562 *
US-PATENT-CLASS-182-191 ..... c 05 N71-11199 *
US-PATENT-CLASS-182-223 ..... c 54 N87-29118 *
US-PATENT-CLASS-182-2 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-5 ..... c 15 N73-25512 *
US-PATENT-CLASS-182-62.5 ..... c 31 N81-27324 *
US-PATENT-CLASS-182-63 ..... c 54 N87-29118 *
US-PATENT-CLASS-182-63 ..... c 54 N92-16559 *
US-PATENT-CLASS-182-82 ..... c 54 N87-29118 *
US-PATENT-CLASS-184-1 ..... c 15 N71-23048 *
US-PATENT-CLASS-185-38 ..... c 37 N78-16369 *
US-PATENT-CLASS-187-1 ..... c 15 N72-25453 *
US-PATENT-CLASS-187-20 ..... c 15 N72-25453 *
US-PATENT-CLASS-187-7.1 ..... c 07 N71-24742 *
US-PATENT-CLASS-187-95 ..... c 15 N72-25453 *
US-PATENT-CLASS-188-1B ..... c 15 N72-20443 *
US-PATENT-CLASS-188-1B ..... c 19 N76-22284 *
US-PATENT-CLASS-188-1C ..... c 15 N72-17450 *
US-PATENT-CLASS-188-1C ..... c 15 N72-20443 *
US-PATENT-CLASS-188-1C ..... c 15 N73-30460 *
US-PATENT-CLASS-188-1C ..... c 11 N73-32152 *
US-PATENT-CLASS-188-1C ..... c 37 N79-10420 *
US-PATENT-CLASS-188-103 ..... c 15 N71-27146 *
US-PATENT-CLASS-188-129 ..... c 15 N72-17450 *
US-PATENT-CLASS-188-129 ..... c 37 N93-23075 *
US-PATENT-CLASS-188-134 ..... c 37 N81-15364 *
US-PATENT-CLASS-188-151A .... c 44 N79-14527 *
US-PATENT-CLASS-188-163 ..... c 37 N74-26976 *
US-PATENT-CLASS-188-163 ..... c 37 N94-23969 *
US-PATENT-CLASS-188-171 ..... c 37 N74-26976 *
US-PATENT-CLASS-188-171 ..... c 37 N92-21728 *
US-PATENT-CLASS-188-171 ..... c 37 N94-23969 *
US-PATENT-CLASS-188-180 ..... c 37 N81-15364 *
US-PATENT-CLASS-188-184 ..... c 37 N81-15364 *
US-PATENT-CLASS-188-1 ..... c 15 N70-34861 *
US-PATENT-CLASS-188-1 ..... c 15 N70-38601 *
US-PATENT-CLASS-188-1 ..... c 15 N70-40354 *
US-PATENT-CLASS-188-1 ..... c 14 N71-17626 *
US-PATENT-CLASS-188-1 ..... c 15 N71-22877 *
US-PATENT-CLASS-188-1 ..... c 14 N71-23092 *
US-PATENT-CLASS-188-1 ..... c 15 N71-26243 *
US-PATENT-CLASS-188-1 ..... c 15 N71-27146 *
US-PATENT-CLASS-188-1 ..... c 15 N71-27169 *
US-PATENT-CLASS-188-218-XL . c 37 N88-29181 *
US-PATENT-CLASS-188-24.11 .... c 37 N91-32514 *
US-PATENT-CLASS-188-251-A ... c 37 N88-29181 *
US-PATENT-CLASS-188-266 ..... c 15 N73-25513 *
US-PATENT-CLASS-188-268 ..... c 15 N72-20443 *
US-PATENT-CLASS-188-269 ..... c 44 N79-14527 *
US-PATENT-CLASS-188-291 ..... c 54 N77-21844 *
US-PATENT-CLASS-188-322.5 .... c 39 N93-24596 *
US-PATENT-CLASS-188-371 ..... c 37 N82-18601 *
US-PATENT-CLASS-188-373 ..... c 37 N88-23982 *
US-PATENT-CLASS-188-378 ..... c 37 N92-34173 *
US-PATENT-CLASS-188-65.1 ..... c 15 N73-25512 *
US-PATENT-CLASS-188-65.5 ..... c 15 N71-27067 *
US-PATENT-CLASS-188-67 ..... c 37 N93-23075 *
US-PATENT-CLASS-188-82.3 ..... c 37 N94-23969 *
US-PATENT-CLASS-188-82.84 .... c 37 N92-21728 *
US-PATENT-CLASS-188-82.84 .... c 37 N93-23075 *
US-PATENT-CLASS-188-82.84 .... c 37 N94-23969 *
US-PATENT-CLASS-188-82.9 ..... c 37 N92-21728 *
US-PATENT-CLASS-188-87 ..... c 12 N71-16894 *
US-PATENT-CLASS-188-88 ..... c 15 N71-26611 *
US-PATENT-CLASS-189-36 ..... c 15 N70-36947 *
US-PATENT-CLASS-19-205 ..... c 37 N76-18456 *
US-PATENT-CLASS-191-12.2-R .. c 33 N86-20669 *
US-PATENT-CLASS-192-43.1 ..... c 15 N71-17805 *
US-PATENT-CLASS-192-44 ..... c 37 N94-23969 *
US-PATENT-CLASS-192-45.1 ..... c 37 N94-23969 *
US-PATENT-CLASS-192-46 ..... c 37 N87-17037 *
US-PATENT-CLASS-192-67R ..... c 37 N87-17037 *
US-PATENT-CLASS-194-82.26 .... c 37 N90-21390 *

US-PATENT-CLASS-194-82.29 .... c 37 N90-21390 *
US-PATENT-CLASS-194-902 ..... c 37 N89-13785 *
US-PATENT-CLASS-195-1.8 ..... c 51 N77-25769 *
US-PATENT-CLASS-195-1.8 ..... c 51 N79-10694 *
US-PATENT-CLASS-195-1.8 ..... c 52 N79-14749 *
US-PATENT-CLASS-195-103.5K . c 51 N77-22794 *
US-PATENT-CLASS-195-103.5K . c 52 N79-14750 *
US-PATENT-CLASS-195-103.5L .. c 52 N79-14750 *
US-PATENT-CLASS-195-103.5R . c 06 N72-25149 *
US-PATENT-CLASS-195-103.5R . c 25 N75-12086 *
US-PATENT-CLASS-195-103.5R . c 35 N75-27330 *
US-PATENT-CLASS-195-103.5R . c 35 N75-33368 *
US-PATENT-CLASS-195-103.5R . c 51 N76-29891 *
US-PATENT-CLASS-195-103.5R . c 51 N77-22794 *
US-PATENT-CLASS-195-103.5R . c 25 N79-22235 *
US-PATENT-CLASS-195-120 ..... c 51 N75-13502 *
US-PATENT-CLASS-195-120 ..... c 35 N75-27330 *
US-PATENT-CLASS-195-127 ..... c 15 N72-21465 *
US-PATENT-CLASS-195-127 ..... c 11 N72-25284 *
US-PATENT-CLASS-195-127 ..... c 14 N72-25413 *
US-PATENT-CLASS-195-127 ..... c 15 N73-20514 *
US-PATENT-CLASS-195-127 ..... c 05 N73-32011 *
US-PATENT-CLASS-195-127 ..... c 35 N75-12272 *
US-PATENT-CLASS-195-127 ..... c 51 N75-13502 *
US-PATENT-CLASS-195-127 ..... c 35 N75-27330 *
US-PATENT-CLASS-195-127 ..... c 25 N79-22235 *
US-PATENT-CLASS-195-127 ..... c 25 N79-24073 *
US-PATENT-CLASS-195-141 ..... c 35 N75-27330 *
US-PATENT-CLASS-195-28N ..... c 06 N72-25149 *
US-PATENT-CLASS-195-66R ..... c 06 N73-27086 *
US-PATENT-CLASS-195-68 ..... c 04 N69-27487 * #
US-PATENT-CLASS-195-99 ..... c 06 N71-17705 *
US-PATENT-CLASS-197-188 ..... c 37 N77-19457 *
US-PATENT-CLASS-197-190 ..... c 37 N77-19457 *
US-PATENT-CLASS-198-847 ..... c 37 N80-32717 *
US-PATENT-CLASS-198-848 ..... c 37 N80-32717 *
US-PATENT-CLASS-1 ..... c 14 N71-27005 *
US-PATENT-CLASS-2-115 ..... c 05 N72-25119 *
US-PATENT-CLASS-2-14 ..... c 05 N71-23096 *
US-PATENT-CLASS-2-161R ..... c 54 N84-23113 *
US-PATENT-CLASS-2-161R ..... c 54 N84-28484 *
US-PATENT-CLASS-2-161 ..... c 54 N78-17677 *
US-PATENT-CLASS-2-164 ..... c 54 N84-28484 *
US-PATENT-CLASS-2-167 ..... c 54 N84-23113 *
US-PATENT-CLASS-2-167 ..... c 54 N84-28484 *
US-PATENT-CLASS-2-2.1A ..... c 05 N72-22092 *
US-PATENT-CLASS-2-2.1A ..... c 05 N73-25125 *
US-PATENT-CLASS-2-2.1A ..... c 05 N73-32012 *
US-PATENT-CLASS-2-2.1A ..... c 54 N74-32546 *
US-PATENT-CLASS-2-2.1A ..... c 54 N77-32721 *
US-PATENT-CLASS-2-2.1A ..... c 54 N78-17675 *
US-PATENT-CLASS-2-2.1A ..... c 54 N78-31735 *
US-PATENT-CLASS-2-2.1A ..... c 54 N78-31736 *
US-PATENT-CLASS-2-2.1A ..... c 54 N79-24651 *
US-PATENT-CLASS-2-2.1A ..... c 54 N86-28618 *
US-PATENT-CLASS-2-2.1A ..... c 54 N86-28619 *
US-PATENT-CLASS-2-2.1A ..... c 54 N86-28620 *
US-PATENT-CLASS-2-2.1A ..... c 54 N86-29507 * #
US-PATENT-CLASS-2-2.1A ..... c 18 N90-16860 *
US-PATENT-CLASS-2-2.1A ..... c 27 N92-10091 *
US-PATENT-CLASS-2-2.1R ..... c 54 N86-28618 *
US-PATENT-CLASS-2-2.1R ..... c 54 N86-28619 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-11194 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-11195 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-12335 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-12344 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-23161 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-24623 *
US-PATENT-CLASS-2-2.1 ..... c 05 N71-24730 *
US-PATENT-CLASS-2-2.1 ..... c 05 N72-20096 *
US-PATENT-CLASS-2-2.1 ..... c 05 N72-20098 *
US-PATENT-CLASS-2-2.1 ..... c 05 N72-25119 *
US-PATENT-CLASS-2-2.1 ..... c 05 N73-26071 *
US-PATENT-CLASS-2-2.1 ..... c 34 N78-17337 *
US-PATENT-CLASS-2-2.1 ..... c 54 N78-17678 *
US-PATENT-CLASS-2-2.1 ..... c 54 N78-18761 *
US-PATENT-CLASS-2-201 ..... c 54 N89-29953 *
US-PATENT-CLASS-2-275 ..... c 18 N71-26285 *
US-PATENT-CLASS-2-411 ..... c 27 N92-10091 *
US-PATENT-CLASS-2-424 ..... c 27 N92-10091 *
US-PATENT-CLASS-2-6 ..... c 05 N71-26333 *
US-PATENT-CLASS-2-6 ..... c 54 N78-17680 *
US-PATENT-CLASS-2-81 ..... c 18 N71-26285 *
US-PATENT-CLASS-2-81 ..... c 05 N73-32012 *
US-PATENT-CLASS-2-82 ..... c 54 N74-32546 *
US-PATENT-CLASS-200-114 ..... c 33 N79-33393 *
US-PATENT-CLASS-200-129 ..... c 33 N75-27249 *
US-PATENT-CLASS-200-152 ..... c 09 N71-19610 *
US-PATENT-CLASS-200-153S ..... c 33 N80-18285 *
US-PATENT-CLASS-200-157 ..... c 08 N86-27288 *
US-PATENT-CLASS-200-19 ..... c 09 N70-39915 *
US-PATENT-CLASS-200-304 ..... c 33 N80-18285 *
US-PATENT-CLASS-200-39 ..... c 03 N70-38713 *
US-PATENT-CLASS-200-46 ..... c 74 N79-12890 *
US-PATENT-CLASS-200-61.05 .... c 25 N86-27431 *
US-PATENT-CLASS-200-61.42 .... c 09 N71-12518 *
US-PATENT-CLASS-200-61.45 .... c 14 N70-41812 *
US-PATENT-CLASS-200-61 ..... c 74 N79-12890 *
US-PATENT-CLASS-200-64 ..... c 15 N72-17455 *
US-PATENT-CLASS-200-6 ..... c 10 N71-15909 *
US-PATENT-CLASS-200-6 ..... c 09 N71-16089 *
US-PATENT-CLASS-200-81.9M ... c 09 N72-20199 *
US-PATENT-CLASS-200-81R ..... c 09 N72-22204 *
US-PATENT-CLASS-200-82C ..... c 09 N72-22204 *
US-PATENT-CLASS-200-82 ..... c 10 N71-23663 *
US-PATENT-CLASS-200-83N ..... c 35 N75-15931 *
US-PATENT-CLASS-200-83 ..... c 33 N79-33392 *
US-PATENT-CLASS-201-10 ..... c 27 N81-17261 *
US-PATENT-CLASS-201-17 ..... c 44 N78-31527 *
US-PATENT-CLASS-201-17 ..... c 25 N81-33246 *
US-PATENT-CLASS-201-17 ..... c 25 N82-29371 *
US-PATENT-CLASS-201-17 ..... c 25 N83-31743 *
US-PATENT-CLASS-201-17 ..... c 25 N85-35253 *
US-PATENT-CLASS-201-25 ..... c 27 N81-17261 *
US-PATENT-CLASS-201-8 ..... c 27 N81-17261 *
US-PATENT-CLASS-202-118 ..... c 31 N81-15154 *
US-PATENT-CLASS-202-182 ..... c 05 N71-11207 *
US-PATENT-CLASS-202-234 ..... c 15 N71-23086 *
US-PATENT-CLASS-203-12 ..... c 25 N82-28368 *
US-PATENT-CLASS-203-90 ..... c 25 N88-23846 *
US-PATENT-CLASS-203-91 ..... c 25 N88-23846 *
US-PATENT-CLASS-203-98 ..... c 25 N88-23846 *
US-PATENT-CLASS-204-DIG.11 . c 25 N77-32255 *
US-PATENT-CLASS-204-DIG.3 .... c 25 N84-12262 *
US-PATENT-CLASS-204-DIG.3 .... c 44 N84-23019 *
US-PATENT-CLASS-204-1T ..... c 25 N79-22235 *
US-PATENT-CLASS-204-1T ..... c 51 N81-28698 *
US-PATENT-CLASS-204-1T ..... c 25 N82-12166 *
US-PATENT-CLASS-204-1T ..... c 76 N84-35112 * #
US-PATENT-CLASS-204-1T ..... c 35 N85-29212 *
US-PATENT-CLASS-204-1T ..... c 76 N85-30923 *
US-PATENT-CLASS-204-104 ..... c 25 N93-29617 *
US-PATENT-CLASS-204-105R .... c 25 N93-29617 *
US-PATENT-CLASS-204-112 ..... c 25 N93-29617 *
US-PATENT-CLASS-204-129.55 .. c 31 N83-19947 *
US-PATENT-CLASS-204-129.75 .. c 31 N83-19947 *
US-PATENT-CLASS-204-129 ..... c 28 N81-24280 *
US-PATENT-CLASS-204-129 ..... c 25 N84-12262 *
US-PATENT-CLASS-204-129 ..... c 44 N84-23019 *
US-PATENT-CLASS-204-129 ..... c 25 N92-28756 *
US-PATENT-CLASS-204-129 ..... c 25 N93-29617 *
US-PATENT-CLASS-204-130 ..... c 15 N72-21466 *
US-PATENT-CLASS-204-157.1H . c 25 N74-30502 *
US-PATENT-CLASS-204-157.1H . c 37 N76-18458 *
US-PATENT-CLASS-204-157.1R . c 25 N77-32255 *
US-PATENT-CLASS-204-157.1R . c 44 N77-32580 *
US-PATENT-CLASS-204-157.1R . c 44 N79-11470 *
US-PATENT-CLASS-204-157.18AG c 15 N72-25452 *
US-PATENT-CLASS-204-157.22 .. c 25 N88-24732 *
US-PATENT-CLASS-204-157.51 .. c 25 N90-20154 *
US-PATENT-CLASS-204-158R .... c 25 N77-32255 *
US-PATENT-CLASS-204-159.11 .. c 27 N80-32516 *
US-PATENT-CLASS-204-159.14 .. c 27 N80-32516 *
US-PATENT-CLASS-204-159.15 .. c 27 N80-26446 *
US-PATENT-CLASS-204-159.19 .. c 27 N80-26446 *
US-PATENT-CLASS-204-162R .... c 25 N77-32255 *
US-PATENT-CLASS-204-164 ..... c 26 N78-32229 *
US-PATENT-CLASS-204-168 ..... c 24 N71-25555 *
US-PATENT-CLASS-204-16 ..... c 24 N77-19171 *
US-PATENT-CLASS-204-171 ..... c 27 N80-23452 *
US-PATENT-CLASS-204-175 ..... c 26 N78-32229 *
US-PATENT-CLASS-204-177 ..... c 25 N75-12087 *
US-PATENT-CLASS-204-180.1 .... c 25 N88-23845 *
US-PATENT-CLASS-204-180.1 .... c 25 N92-28728 *
US-PATENT-CLASS-204-180G .... c 25 N78-14104 *
US-PATENT-CLASS-204-180G .... c 25 N79-14169 *
US-PATENT-CLASS-204-180G .... c 37 N80-14397 *
US-PATENT-CLASS-204-180P .... c 54 N78-14784 *
US-PATENT-CLASS-204-180R .... c 25 N74-26948 *
US-PATENT-CLASS-204-180R .... c 34 N74-27744 *
US-PATENT-CLASS-204-180R .... c 51 N80-16715 *
US-PATENT-CLASS-204-180S .... c 25 N79-10163 *
US-PATENT-CLASS-204-180S .... c 25 N79-14169 *
US-PATENT-CLASS-204-183.3 .... c 25 N92-28728 *
US-PATENT-CLASS-204-192.15 .. c 26 N87-25455 *
US-PATENT-CLASS-204-192.15 .. c 76 N88-24543 *
US-PATENT-CLASS-204-192.23 .. c 26 N87-25455 *
US-PATENT-CLASS-204-192.24 .. c 76 N88-24543 *
US-PATENT-CLASS-204-192.31 .. c 26 N88-14179 *
US-PATENT-CLASS-204-192.32 .. c 25 N91-31258 *
US-PATENT-CLASS-204-192-C .... c 27 N86-19458 *
US-PATENT-CLASS-204-192-D .... c 27 N86-19458 *
US-PATENT-CLASS-204-192-R .... c 27 N86-19458 *
US-PATENT-CLASS-204-192C .... c 76 N79-14906 *
US-PATENT-CLASS-204-192C .... c 26 N82-29415 *
US-PATENT-CLASS-204-192C .... c 26 N82-30371 *
US-PATENT-CLASS-204-192C .... c 24 N84-22695 *
US-PATENT-CLASS-204-192C .... c 31 N85-20153 *
US-PATENT-CLASS-204-192C .... c 24 N85-21267 *
US-PATENT-CLASS-204-192C .... c 76 N85-33826 *
US-PATENT-CLASS-204-192C .... c 27 N86-32569 *
US-PATENT-CLASS-204-192D .... c 27 N86-32569 *
US-PATENT-CLASS-204-192D .... c 31 N86-32587 *
US-PATENT-CLASS-204-192EC .. c 27 N82-28440 *
US-PATENT-CLASS-204-192EC .. c 27 N82-33521 *
US-PATENT-CLASS-204-192EC .. c 33 N84-22884 *
US-PATENT-CLASS-204-192E .... c 37 N81-19455 *
US-PATENT-CLASS-204-192E .... c 27 N82-28440 *
US-PATENT-CLASS-204-192E .... c 27 N82-33521 *
US-PATENT-CLASS-204-192E .... c 24 N83-10117 *
US-PATENT-CLASS-204-192E .... c 52 N84-23095 *
US-PATENT-CLASS-204-192N .... c 24 N85-21267 *
US-PATENT-CLASS-204-192N .... c 26 N85-29005 *
US-PATENT-CLASS-204-192P .... c 76 N85-33826 *
US-PATENT-CLASS-204-192R .... c 24 N84-22695 *
US-PATENT-CLASS-204-192R .... c 31 N85-20153 *
US-PATENT-CLASS-204-192R .... c 24 N85-21267 *
US-PATENT-CLASS-204-192SP .. c 24 N84-22695 *
US-PATENT-CLASS-204-192SP .. c 31 N85-20153 *
US-PATENT-CLASS-204-192 ..... c 15 N73-12487 *
US-PATENT-CLASS-204-192 ..... c 17 N73-24569 *
US-PATENT-CLASS-204-192 ..... c 27 N74-13270 *
US-PATENT-CLASS-204-192 ..... c 20 N74-31269 *
US-PATENT-CLASS-204-192 ..... c 37 N75-19684 *
US-PATENT-CLASS-204-192 ..... c 44 N77-14580 *
US-PATENT-CLASS-204-195B .... c 25 N79-24073 *
US-PATENT-CLASS-204-195B .... c 51 N80-27067 *
US-PATENT-CLASS-204-195B .... c 51 N81-28698 *
US-PATENT-CLASS-204-195B .... c 35 N82-28604 *
US-PATENT-CLASS-204-195R .... c 33 N76-19339 *
US-PATENT-CLASS-204-195S .... c 25 N82-12166 *
US-PATENT-CLASS-204-195W ... c 35 N78-25391 *
US-PATENT-CLASS-204-195 ..... c 14 N71-17575 *
US-PATENT-CLASS-204-2.1 ..... c 44 N81-29524 *
US-PATENT-CLASS-204-20 ..... c 18 N71-16210 *
US-PATENT-CLASS-204-222 ..... c 31 N74-23065 *
US-PATENT-CLASS-204-224 ..... c 37 N80-14395 *
US-PATENT-CLASS-204-242 ..... c 33 N75-27252 *
US-PATENT-CLASS-204-242 ..... c 25 N84-12262 *
US-PATENT-CLASS-204-252 ..... c 28 N81-24280 *
US-PATENT-CLASS-204-263 ..... c 14 N71-28933 *
US-PATENT-CLASS-204-263 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-264 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-266 ..... c 28 N81-24280 *
US-PATENT-CLASS-204-266 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-267 ..... c 33 N75-27252 *
US-PATENT-CLASS-204-275 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-276 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-278 ..... c 25 N82-12166 *
US-PATENT-CLASS-204-278 ..... c 25 N84-12262 *
US-PATENT-CLASS-204-278 ..... c 44 N84-23019 *
US-PATENT-CLASS-204-279 ..... c 33 N75-27252 *
US-PATENT-CLASS-204-280R .... c 25 N83-13187 *
US-PATENT-CLASS-204-280 ..... c 44 N84-23019 *
US-PATENT-CLASS-204-286 ..... c 33 N75-27252 *
US-PATENT-CLASS-204-290F .... c 28 N81-24280 *
US-PATENT-CLASS-204-290F .... c 44 N82-29710 *
US-PATENT-CLASS-204-290R .... c 33 N75-27252 *
US-PATENT-CLASS-204-290R .... c 28 N81-24280 *
US-PATENT-CLASS-204-290R .... c 44 N82-29710 *
US-PATENT-CLASS-204-290R .... c 25 N84-12262 *
US-PATENT-CLASS-204-290 ..... c 44 N84-28205 *
US-PATENT-CLASS-204-291 ..... c 28 N81-24280 *
US-PATENT-CLASS-204-292 ..... c 25 N78-10225 *
US-PATENT-CLASS-204-298 ..... c 15 N70-34967 *
US-PATENT-CLASS-204-298 ..... c 09 N71-26701 *
US-PATENT-CLASS-204-298 ..... c 15 N72-32487 *
US-PATENT-CLASS-204-298 ..... c 37 N75-19684 *
US-PATENT-CLASS-204-298 ..... c 27 N86-32569 *
US-PATENT-CLASS-204-298 ..... c 31 N86-32587 *
US-PATENT-CLASS-204-298 ..... c 31 N87-21160 *
US-PATENT-CLASS-204-299-R .... c 25 N88-23845 *
US-PATENT-CLASS-204-299R .... c 25 N78-14104 *
US-PATENT-CLASS-204-299R .... c 25 N79-14169 *
US-PATENT-CLASS-204-299R .... c 37 N80-14397 *
US-PATENT-CLASS-204-299R .... c 51 N80-16715 *
US-PATENT-CLASS-204-299R .... c 25 N83-10126 *
US-PATENT-CLASS-204-299R .... c 25 N83-13187 *
US-PATENT-CLASS-204-299R .... c 27 N92-25397 *
US-PATENT-CLASS-204-299R .... c 25 N92-28728 *
US-PATENT-CLASS-204-299 ..... c 34 N74-27744 *
US-PATENT-CLASS-204-299 ..... c 25 N79-10163 *
US-PATENT-CLASS-204-300EC .. c 27 N92-25397 *
US-PATENT-CLASS-204-301 ..... c 54 N78-14784 *
US-PATENT-CLASS-204-305 ..... c 03 N71-24718 *
US-PATENT-CLASS-204-30 ..... c 09 N71-28691 *
US-PATENT-CLASS-204-32A ..... c 33 N77-26385 *
US-PATENT-CLASS-204-32R ..... c 44 N76-14595 *
US-PATENT-CLASS-204-324 ..... c 33 N73-16918 *
US-PATENT-CLASS-204-325 ..... c 33 N73-16918 *
US-PATENT-CLASS-204-328 ..... c 33 N73-16918 *
US-PATENT-CLASS-204-32 ..... c 44 N79-11469 *
US-PATENT-CLASS-204-33 ..... c 17 N71-25903 *
US-PATENT-CLASS-204-33 ..... c 44 N76-14595 *
US-PATENT-CLASS-204-33 ..... c 44 N79-11469 *
US-PATENT-CLASS-204-33 ..... c 44 N83-34449 *
US-PATENT-CLASS-204-35N ..... c 27 N83-29388 *

US-PATENT-CLASS-204-35N ..... c 44 N83-34449 *
US-PATENT-CLASS-204-37.6 ..... c 76 N84-35112 * #
US-PATENT-CLASS-204-37R ..... c 44 N79-11469 *
US-PATENT-CLASS-204-37R ..... c 27 N83-29388 *
US-PATENT-CLASS-204-37 ..... c 33 N71-29151 *
US-PATENT-CLASS-204-38A ..... c 44 N76-14595 *
US-PATENT-CLASS-204-38B ..... c 44 N79-11469 *
US-PATENT-CLASS-204-38B ..... c 27 N82-33521 *
US-PATENT-CLASS-204-38 ..... c 17 N71-24830 *
US-PATENT-CLASS-204-40 ..... c 44 N76-14595 *
US-PATENT-CLASS-204-40 ..... c 24 N77-19171 *
US-PATENT-CLASS-204-42 ..... c 44 N76-14595 *
US-PATENT-CLASS-204-430 ..... c 35 N85-29212 *
US-PATENT-CLASS-204-49 ..... c 15 N72-25452 *
US-PATENT-CLASS-204-49 ..... c 44 N76-14595 *
US-PATENT-CLASS-204-56R ..... c 44 N83-10494 *
US-PATENT-CLASS-204-56R ..... c 27 N83-29388 *
US-PATENT-CLASS-204-56R ..... c 76 N84-35112 * #
US-PATENT-CLASS-204-59 ..... c 15 N72-21466 *
US-PATENT-CLASS-204-9 ..... c 20 N74-32919 *
US-PATENT-CLASS-204-9 ..... c 24 N77-19171 *
US-PATENT-CLASS-204/298 ..... c 27 N86-19458 *
US-PATENT-CLASS-2041-195B .. c 25 N79-22235 *
US-PATENT-CLASS-205-343 ..... c 35 N75-30502 *
US-PATENT-CLASS-206-0.7 ..... c 31 N89-29578 *
US-PATENT-CLASS-206-364 ..... c 31 N92-33612 *
US-PATENT-CLASS-206-366 ..... c 31 N92-33612 *
US-PATENT-CLASS-206-370 ..... c 31 N92-33612 *
US-PATENT-CLASS-206-439 ..... c 52 N79-14749 *
US-PATENT-CLASS-206-447 ..... c 27 N84-14323 *
US-PATENT-CLASS-206-582 ..... c 27 N84-14323 *
US-PATENT-CLASS-206-818 ..... c 31 N92-33612 *
US-PATENT-CLASS-208-10 ..... c 25 N79-11152 *
US-PATENT-CLASS-208-10 ..... c 23 N84-16255 *
US-PATENT-CLASS-208-10 ..... c 25 N84-22709 *
US-PATENT-CLASS-208-11 ..... c 25 N86-25428 *
US-PATENT-CLASS-208-241 ..... c 25 N82-23282 *
US-PATENT-CLASS-208-8LE ..... c 23 N84-16255 *
US-PATENT-CLASS-208-8LE ..... c 25 N84-22709 *
US-PATENT-CLASS-208-8 ..... c 25 N79-11152 *
US-PATENT-CLASS-209-10 ..... c 15 N71-20440 *
US-PATENT-CLASS-209-127R .... c 35 N76-22509 *
US-PATENT-CLASS-209-144 ..... c 34 N94-20361 *
US-PATENT-CLASS-209-211 ..... c 34 N94-20361 *
US-PATENT-CLASS-209-250 ..... c 37 N76-18456 *
US-PATENT-CLASS-209-300 ..... c 37 N76-18456 *
US-PATENT-CLASS-209-305 ..... c 37 N76-18456 *
US-PATENT-CLASS-209-349 ..... c 15 N72-22483 *
US-PATENT-CLASS-209-422 ..... c 71 N85-30765 *
US-PATENT-CLASS-209-638 ..... c 71 N85-30765 *
US-PATENT-CLASS-21-207 ..... c 17 N71-16393 *
US-PATENT-CLASS-210-DIG.23 . c 52 N79-14749 *
US-PATENT-CLASS-210-DIG.27 . c 27 N77-31308 *
US-PATENT-CLASS-210-103 ..... c 05 N72-27102 *
US-PATENT-CLASS-210-104 ..... c 05 N72-27102 *
US-PATENT-CLASS-210-108 ..... c 34 N79-24285 *
US-PATENT-CLASS-210-110 ..... c 05 N72-27102 *
US-PATENT-CLASS-210-137 ..... c 05 N72-27102 *
US-PATENT-CLASS-210-140 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-142 ..... c 34 N79-24285 *
US-PATENT-CLASS-210-151 ..... c 45 N84-12654 *
US-PATENT-CLASS-210-186 ..... c 37 N80-10494 *
US-PATENT-CLASS-210-188 ..... c 12 N72-25292 *
US-PATENT-CLASS-210-190 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-192 ..... c 54 N78-14784 *
US-PATENT-CLASS-210-198.2 .... c 25 N92-33009 *
US-PATENT-CLASS-210-205 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-209 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-212 ..... c 03 N72-20033 *
US-PATENT-CLASS-210-222 ..... c 35 N78-12390 *
US-PATENT-CLASS-210-222 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-223 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-22 ..... c 52 N80-14687 *
US-PATENT-CLASS-210-23F ..... c 51 N79-10693 *
US-PATENT-CLASS-210-23H ..... c 27 N80-23452 *
US-PATENT-CLASS-210-234 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-24R ..... c 27 N81-14076 *
US-PATENT-CLASS-210-247 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-24 ..... c 27 N77-30236 *
US-PATENT-CLASS-210-24 ..... c 25 N81-19244 *
US-PATENT-CLASS-210-257.1 .... c 29 N90-21209 *
US-PATENT-CLASS-210-259 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-266 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-269 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-282 ..... c 37 N87-17035 *
US-PATENT-CLASS-210-287 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-28 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-304 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-314 ..... c 28 N70-41447 *
US-PATENT-CLASS-210-321.1 .... c 25 N82-21269 *
US-PATENT-CLASS-210-321.6 .... c 29 N90-21209 *
US-PATENT-CLASS-210-321B .... c 52 N80-14687 *
US-PATENT-CLASS-210-333 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-340 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-340 ..... c 37 N80-10494 *
US-PATENT-CLASS-210-340 ..... c 29 N90-21209 *

US-PATENT-CLASS-210-355 ..... c 51 N91-14703 *
US-PATENT-CLASS-210-396 ..... c 51 N91-21701 *
US-PATENT-CLASS-210-40 ..... c 27 N77-31308 *
US-PATENT-CLASS-210-40 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-40 ..... c 45 N82-11634 *
US-PATENT-CLASS-210-411 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-414 ..... c 51 N91-14703 *
US-PATENT-CLASS-210-425 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-429 ..... c 37 N76-14463 *
US-PATENT-CLASS-210-433M .... c 51 N79-10693 *
US-PATENT-CLASS-210-445 ..... c 15 N72-11389 *
US-PATENT-CLASS-210-45 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-500.25 .. c 31 N88-29052 *
US-PATENT-CLASS-210-500.35 .. c 31 N88-29052 *
US-PATENT-CLASS-210-500M .... c 27 N80-23452 *
US-PATENT-CLASS-210-500M .... c 25 N81-17187 *
US-PATENT-CLASS-210-500 ..... c 25 N75-12087 *
US-PATENT-CLASS-210-502.1 .... c 25 N92-33009 *
US-PATENT-CLASS-210-50 ..... c 45 N79-12584 *
US-PATENT-CLASS-210-512.1 .... c 35 N90-22024 *
US-PATENT-CLASS-210-512.1 .... c 34 N94-20361 *
US-PATENT-CLASS-210-512 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-54 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-57 ..... c 45 N80-14579 *
US-PATENT-CLASS-210-602 ..... c 45 N84-12654 *
US-PATENT-CLASS-210-605 ..... c 45 N84-12654 *
US-PATENT-CLASS-210-60 ..... c 45 N79-12584 *
US-PATENT-CLASS-210-615 ..... c 45 N91-14662 *
US-PATENT-CLASS-210-617 ..... c 45 N84-12654 *
US-PATENT-CLASS-210-63R ..... c 25 N78-10225 *
US-PATENT-CLASS-210-63R ..... c 45 N79-12584 *
US-PATENT-CLASS-210-63Z ..... c 45 N80-14579 *
US-PATENT-CLASS-210-635 ..... c 25 N92-33009 *
US-PATENT-CLASS-210-639 ..... c 31 N88-29052 *
US-PATENT-CLASS-210-653 ..... c 31 N88-29052 *
US-PATENT-CLASS-210-66 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-670 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-670 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-67 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-695 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-70 ..... c 85 N79-17747 *
US-PATENT-CLASS-210-71 ..... c 25 N78-10225 *
US-PATENT-CLASS-210-73R ..... c 85 N79-17747 *
US-PATENT-CLASS-210-739 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-748 ..... c 71 N83-35781 *
US-PATENT-CLASS-210-748 ..... c 35 N84-17555 *
US-PATENT-CLASS-210-748 ..... c 54 N91-31803 * #
US-PATENT-CLASS-210-748 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-748 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-748 ..... c 25 N93-20570 *
US-PATENT-CLASS-210-753 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-758 ..... c 25 N92-33029 *
US-PATENT-CLASS-210-764 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-767 ..... c 25 N92-33611 *
US-PATENT-CLASS-210-767 ..... c 25 N93-20570 *
US-PATENT-CLASS-210-787 ..... c 34 N94-20361 *
US-PATENT-CLASS-210-806 ..... c 25 N93-20570 *
US-PATENT-CLASS-210-82 ..... c 34 N75-33342 *
US-PATENT-CLASS-210-94 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-95 ..... c 29 N90-21209 *
US-PATENT-CLASS-210-96.1 ..... c 51 N93-18351 *
US-PATENT-CLASS-210-96M ..... c 54 N78-14784 *
US-PATENT-CLASS-210-96M ..... c 51 N79-10693 *
US-PATENT-CLASS-210-97 ..... c 35 N90-22024 *
US-PATENT-CLASS-211-126 ..... c 35 N86-20751 *
US-PATENT-CLASS-211-74 ..... c 35 N86-20751 *
US-PATENT-CLASS-212-11 ..... c 32 N71-17609 *
US-PATENT-CLASS-212-134 ..... c 15 N72-11388 *
US-PATENT-CLASS-212-148 ..... c 37 N94-20369 *
US-PATENT-CLASS-212-196 ..... c 37 N94-20369 *
US-PATENT-CLASS-212-225 ..... c 18 N89-12621 *
US-PATENT-CLASS-212-230 ..... c 37 N86-20789 *
US-PATENT-CLASS-212-257 ..... c 18 N89-12621 *
US-PATENT-CLASS-212-262 ..... c 37 N94-20369 *
US-PATENT-CLASS-212-267 ..... c 31 N81-27324 *
US-PATENT-CLASS-213-81 ..... c 37 N77-23483 *
US-PATENT-CLASS-214-1CM ..... c 37 N76-15460 *
US-PATENT-CLASS-214-1BC ..... c 54 N77-32721 *
US-PATENT-CLASS-214-1B ..... c 54 N75-27758 *
US-PATENT-CLASS-214-1CM ..... c 15 N72-28495 *
US-PATENT-CLASS-214-1CM ..... c 54 N75-12616 *
US-PATENT-CLASS-214-1CM ..... c 18 N75-27041 *
US-PATENT-CLASS-214-1CM ..... c 54 N75-27758 *
US-PATENT-CLASS-214-1CM ..... c 37 N77-23483 *
US-PATENT-CLASS-214-1CM ..... c 54 N77-32721 *
US-PATENT-CLASS-214-1CM ..... c 54 N78-17676 *
US-PATENT-CLASS-214-1R ..... c 37 N76-15457 *
US-PATENT-CLASS-214-16.1CB . c 37 N77-22480 *
US-PATENT-CLASS-214-1 ..... c 32 N70-41367 *
US-PATENT-CLASS-214-90R ..... c 03 N72-25021 *
US-PATENT-CLASS-215-247 ..... c 33 N76-19339 *
US-PATENT-CLASS-219-10.41 .... c 33 N82-26571 *
US-PATENT-CLASS-219-10.43 .... c 31 N85-29083 *
US-PATENT-CLASS-219-10.49R . c 33 N81-19389 *
US-PATENT-CLASS-219-10.49 .... c 11 N71-15925 *
US-PATENT-CLASS-219-10.49 .... c 31 N85-29083 *

US-PATENT-CLASS-219-10.53 .... c 33 N82-26571 *
US-PATENT-CLASS-219-10.53 .... c 31 N85-29083 *
US-PATENT-CLASS-219-10.67 .... c 33 N81-19389 *
US-PATENT-CLASS-219-10.75 .... c 32 N94-20368 *
US-PATENT-CLASS-219-10.77 .... c 31 N85-29083 *
US-PATENT-CLASS-219-10.77 .... c 32 N94-20368 *
US-PATENT-CLASS-219-10.79 .... c 32 N94-20368 *
US-PATENT-CLASS-219-101 ..... c 15 N73-14468 *
US-PATENT-CLASS-219-101 ..... c 37 N74-11300 *
US-PATENT-CLASS-219-107 ..... c 15 N73-28515 *
US-PATENT-CLASS-219-107 ..... c 37 N74-11300 *
US-PATENT-CLASS-219-109 ..... c 15 N72-23497 *
US-PATENT-CLASS-219-117 ..... c 15 N73-32358 *
US-PATENT-CLASS-219-118 ..... c 37 N76-27568 *
US-PATENT-CLASS-219-118 ..... c 37 N77-11397 *
US-PATENT-CLASS-219-119 ..... c 15 N73-14468 *
US-PATENT-CLASS-219-121.28 .. c 35 N90-20351 *
US-PATENT-CLASS-219-121.45 .. c 37 N94-35367 *
US-PATENT-CLASS-219-121.47 .. c 75 N91-25875 *
US-PATENT-CLASS-219-121.48 .. c 75 N91-25875 *
US-PATENT-CLASS-219-121.48 .. c 37 N94-35367 *
US-PATENT-CLASS-219-121.52 .. c 75 N91-25875 *
US-PATENT-CLASS-219-121.54 .. c 37 N88-30131 *
US-PATENT-CLASS-219-121.54 .. c 37 N94-35367 *
US-PATENT-CLASS-219-121.56 .. c 37 N88-30131 *
US-PATENT-CLASS-219-121.57 .. c 37 N88-30131 *
US-PATENT-CLASS-219-121.68 .. c 31 N91-14508 *
US-PATENT-CLASS-219-121.72 .. c 37 N91-32508 *
US-PATENT-CLASS-219-121LE .. c 26 N86-32551 *
US-PATENT-CLASS-219-121LN .. c 44 N82-26777 *
US-PATENT-CLASS-219-121LY .. c 26 N86-32551 *
US-PATENT-CLASS-219-121P .... c 15 N72-32487 *
US-PATENT-CLASS-219-121 ..... c 15 N69-21471 * #
US-PATENT-CLASS-219-121 ..... c 33 N70-34540 *
US-PATENT-CLASS-219-121 ..... c 15 N71-19486 *
US-PATENT-CLASS-219-121 ..... c 16 N71-20400 *
US-PATENT-CLASS-219-121 ..... c 15 N71-27135 *
US-PATENT-CLASS-219-124.02 .. c 37 N88-30131 *
US-PATENT-CLASS-219-124.2-2 c 37 N79-10421 *
US-PATENT-CLASS-219-124.32 .. c 37 N79-10421 *
US-PATENT-CLASS-219-124.34 .. c 37 N86-21850 *
US-PATENT-CLASS-219-124.34 .. c 74 N87-17493 *
US-PATENT-CLASS-219-124.34 .. c 74 N87-25843 *
US-PATENT-CLASS-219-124.34 .. c 37 N88-14362 *
US-PATENT-CLASS-219-125.1 .... c 37 N79-10421 *
US-PATENT-CLASS-219-125 ..... c 15 N71-23815 *
US-PATENT-CLASS-219-125 ..... c 37 N75-27376 *
US-PATENT-CLASS-219-130.01 .. c 74 N87-17493 *
US-PATENT-CLASS-219-130.01 .. c 74 N87-25843 *
US-PATENT-CLASS-219-130.01 .. c 37 N88-14362 *
US-PATENT-CLASS-219-130.01 .. c 37 N94-35367 *
US-PATENT-CLASS-219-130.4 .... c 37 N88-30131 *
US-PATENT-CLASS-219-130 ..... c 15 N71-23798 *
US-PATENT-CLASS-219-131 ..... c 15 N71-15871 *
US-PATENT-CLASS-219-136 ..... c 37 N88-14362 *
US-PATENT-CLASS-219-136 ..... c 31 N90-23586 *
US-PATENT-CLASS-219-136 ..... c 31 N90-26168 *
US-PATENT-CLASS-219-137.42 .. c 37 N88-23980 *
US-PATENT-CLASS-219-137.71 .. c 37 N94-29506 *
US-PATENT-CLASS-219-137 ..... c 15 N70-34814 *
US-PATENT-CLASS-219-137 ..... c 37 N75-19683 *
US-PATENT-CLASS-219-158 ..... c 15 N72-22491 *
US-PATENT-CLASS-219-160 ..... c 37 N80-23655 *
US-PATENT-CLASS-219-161 ..... c 37 N80-23655 *
US-PATENT-CLASS-219-19 ..... c 33 N70-34812 *
US-PATENT-CLASS-219-200 ..... c 16 N94-20304 *
US-PATENT-CLASS-219-201 ..... c 52 N80-16725 *
US-PATENT-CLASS-219-201 ..... c 37 N85-29286 *
US-PATENT-CLASS-219-203 ..... c 11 N73-12265 *
US-PATENT-CLASS-219-203 ..... c 27 N84-33589 *
US-PATENT-CLASS-219-209 ..... c 35 N81-26431 *
US-PATENT-CLASS-219-210 ..... c 35 N81-26431 *
US-PATENT-CLASS-219-216 ..... c 35 N74-15831 *
US-PATENT-CLASS-219-219 ..... c 27 N84-33589 *
US-PATENT-CLASS-219-221 ..... c 15 N72-11392 *
US-PATENT-CLASS-219-221 ..... c 37 N85-29286 *
US-PATENT-CLASS-219-229 ..... c 15 N71-27214 *
US-PATENT-CLASS-219-234 ..... c 15 N72-22491 *
US-PATENT-CLASS-219-234 ..... c 15 N72-23497 *
US-PATENT-CLASS-219-243 ..... c 15 N72-11392 *
US-PATENT-CLASS-219-273 ..... c 15 N72-32487 *
US-PATENT-CLASS-219-275 ..... c 15 N71-20395 *
US-PATENT-CLASS-219-275 ..... c 20 N87-16875 *
US-PATENT-CLASS-219-285 ..... c 37 N85-29286 *
US-PATENT-CLASS-219-299 ..... c 51 N79-10694 *
US-PATENT-CLASS-219-300 ..... c 37 N77-13418 *
US-PATENT-CLASS-219-302 ..... c 51 N79-10694 *
US-PATENT-CLASS-219-304 ..... c 37 N77-13418 *
US-PATENT-CLASS-219-343 ..... c 27 N83-36220 *
US-PATENT-CLASS-219-347 ..... c 15 N69-27871 * #
US-PATENT-CLASS-219-347 ..... c 33 N70-34545 *
US-PATENT-CLASS-219-348 ..... c 15 N73-27405 *
US-PATENT-CLASS-219-34 ..... c 09 N70-33312 *
US-PATENT-CLASS-219-354 ..... c 27 N83-36220 *
US-PATENT-CLASS-219-364 ..... c 33 N71-16278 *
US-PATENT-CLASS-219-378 ..... c 33 N71-25353 *

US-PATENT-CLASS-219-383 ..... c 09 N88-28939 *
US-PATENT-CLASS-219-388 ..... c 35 N74-15831 *
US-PATENT-CLASS-219-390 ..... c 27 N83-36220 *
US-PATENT-CLASS-219-390 ..... c 35 N86-20750 *
US-PATENT-CLASS-219-390 ..... c 14 N91-27175 *
US-PATENT-CLASS-219-395 ..... c 35 N86-20750 *
US-PATENT-CLASS-219-396 ..... c 35 N86-20750 *
US-PATENT-CLASS-219-410 ..... c 12 N79-26075 *
US-PATENT-CLASS-219-411 ..... c 17 N69-25147 * #
US-PATENT-CLASS-219-411 ..... c 27 N83-36220 *
US-PATENT-CLASS-219-413 ..... c 14 N71-28958 *
US-PATENT-CLASS-219-477 ..... c 33 N74-14935 *
US-PATENT-CLASS-219-497 ..... c 77 N75-20140 *
US-PATENT-CLASS-219-499 ..... c 14 N73-26430 *
US-PATENT-CLASS-219-501 ..... c 77 N75-20140 *
US-PATENT-CLASS-219-505 ..... c 14 N71-27058 *
US-PATENT-CLASS-219-505 ..... c 77 N75-20140 *
US-PATENT-CLASS-219-50 ..... c 14 N73-26430 *
US-PATENT-CLASS-219-510 ..... c 35 N81-26431 *
US-PATENT-CLASS-219-522 ..... c 11 N73-12265 *
US-PATENT-CLASS-219-522 ..... c 52 N80-16725 *
US-PATENT-CLASS-219-522 ..... c 27 N84-33589 *
US-PATENT-CLASS-219-530 ..... c 33 N71-25353 *
US-PATENT-CLASS-219-539 ..... c 33 N74-14935 *
US-PATENT-CLASS-219-541 ..... c 27 N84-33589 *
US-PATENT-CLASS-219-543 ..... c 27 N84-33589 *
US-PATENT-CLASS-219-545 ..... c 33 N82-26571 *
US-PATENT-CLASS-219-62 ..... c 15 N73-28515 *
US-PATENT-CLASS-219-69.11 .... c 27 N91-25296 *
US-PATENT-CLASS-219-69.12 .... c 37 N91-32508 *
US-PATENT-CLASS-219-69.17 .... c 35 N92-22038 *
US-PATENT-CLASS-219-72 ..... c 15 N71-14932 *
US-PATENT-CLASS-219-72 ..... c 37 N90-19602 *
US-PATENT-CLASS-219-72 ..... c 33 N92-33030 *
US-PATENT-CLASS-219-74 ..... c 74 N87-25843 *
US-PATENT-CLASS-219-74 ..... c 37 N90-19602 *
US-PATENT-CLASS-219-75 ..... c 37 N88-23980 *
US-PATENT-CLASS-219-75 ..... c 31 N90-23586 *
US-PATENT-CLASS-219-75 ..... c 31 N90-26168 *
US-PATENT-CLASS-219-75 ..... c 75 N91-25875 *
US-PATENT-CLASS-219-75 ..... c 33 N92-33030 *
US-PATENT-CLASS-219-76.14 .... c 24 N85-30027 *
US-PATENT-CLASS-219-76.16 .... c 75 N91-25875 *
US-PATENT-CLASS-219-78 ..... c 37 N74-11300 *
US-PATENT-CLASS-219-85.15 .... c 26 N92-29094 *
US-PATENT-CLASS-219-85.19 .... c 26 N92-29094 *
US-PATENT-CLASS-219-85CA .... c 35 N80-20560 *
US-PATENT-CLASS-219-85CM ... c 35 N80-20560 *
US-PATENT-CLASS-219-85R ..... c 35 N80-20560 *
US-PATENT-CLASS-219-85 ..... c 15 N72-22491 *
US-PATENT-CLASS-219-85 ..... c 15 N72-23497 *
US-PATENT-CLASS-219-9.5 ..... c 32 N94-20368 *
US-PATENT-CLASS-219-91 ..... c 15 N71-18613 *
US-PATENT-CLASS-219-91 ..... c 15 N73-32358 *
US-PATENT-CLASS-219-92 ..... c 37 N76-27568 *
US-PATENT-CLASS-219-92 ..... c 37 N77-11397 *
US-PATENT-CLASS-22-200 ..... c 15 N71-15966 *
US-PATENT-CLASS-22-203 ..... c 17 N70-38198 *
US-PATENT-CLASS-220-14 ..... c 15 N69-39935 * #
US-PATENT-CLASS-220-15 ..... c 31 N71-15664 *
US-PATENT-CLASS-220-15 ..... c 34 N75-12222 *
US-PATENT-CLASS-220-1 ..... c 31 N71-17680 *
US-PATENT-CLASS-220-2.2 ..... c 24 N79-25143 *
US-PATENT-CLASS-220-266 ..... c 37 N79-22474 *
US-PATENT-CLASS-220-306 ..... c 27 N84-27886 *
US-PATENT-CLASS-220-335 ..... c 45 N83-25217 *
US-PATENT-CLASS-220-378 ..... c 37 N82-24490 *
US-PATENT-CLASS-220-423 ..... c 37 N80-18393 *
US-PATENT-CLASS-220-429 ..... c 44 N80-20808 *
US-PATENT-CLASS-220-445 ..... c 37 N80-18393 *
US-PATENT-CLASS-220-46 ..... c 15 N71-27068 *
US-PATENT-CLASS-220-5A ..... c 31 N89-29578 *
US-PATENT-CLASS-220-5R ..... c 15 N72-22486 *
US-PATENT-CLASS-220-55 ..... c 15 N69-27502 * #
US-PATENT-CLASS-220-63 ..... c 11 N70-38182 *
US-PATENT-CLASS-220-67 ..... c 15 N71-10577 *
US-PATENT-CLASS-220-82R ..... c 31 N81-19343 *
US-PATENT-CLASS-220-89A ..... c 31 N81-19343 *
US-PATENT-CLASS-220-89 ..... c 11 N71-15960 *
US-PATENT-CLASS-220-89 ..... c 11 N71-17600 *
US-PATENT-CLASS-220-901 ..... c 37 N80-18393 *
US-PATENT-CLASS-220-901 ..... c 31 N89-29578 *
US-PATENT-CLASS-220-908 ..... c 31 N92-33612 *
US-PATENT-CLASS-220-9 ..... c 23 N71-22881 *
US-PATENT-CLASS-220-9 ..... c 18 N71-23658 *
US-PATENT-CLASS-220-9 ..... c 15 N71-23816 *
US-PATENT-CLASS-220-9 ..... c 33 N71-25351 *
US-PATENT-CLASS-221-265 ..... c 51 N74-15778 *
US-PATENT-CLASS-222-131 ..... c 31 N79-21225 *
US-PATENT-CLASS-222-135 ..... c 15 N72-21465 *
US-PATENT-CLASS-222-137 ..... c 14 N71-27005 *
US-PATENT-CLASS-222-145 ..... c 37 N76-19436 *
US-PATENT-CLASS-222-187 ..... c 31 N90-23587 *
US-PATENT-CLASS-222-193 ..... c 37 N74-13178 *
US-PATENT-CLASS-222-309 ..... c 15 N72-21465 *
US-PATENT-CLASS-222-309 ..... c 54 N74-12779 *
US-PATENT-CLASS-222-309 ..... c 35 N85-21595 *
US-PATENT-CLASS-222-324 ..... c 54 N74-17853 *
US-PATENT-CLASS-222-340 ..... c 54 N74-12779 *
US-PATENT-CLASS-222-340 ..... c 35 N85-21595 *
US-PATENT-CLASS-222-387 ..... c 54 N74-12779 *
US-PATENT-CLASS-222-389 ..... c 15 N70-38996 *
US-PATENT-CLASS-222-414 ..... c 14 N73-27378 *
US-PATENT-CLASS-222-43 ..... c 35 N85-21595 *
US-PATENT-CLASS-222-45 ..... c 14 N70-40233 *
US-PATENT-CLASS-222-48 ..... c 35 N85-21595 *
US-PATENT-CLASS-222-49 ..... c 14 N71-27005 *
US-PATENT-CLASS-222-514 ..... c 54 N74-12779 *
US-PATENT-CLASS-222-61 ..... c 27 N71-29155 *
US-PATENT-CLASS-222-61 ..... c 37 N77-28487 *
US-PATENT-CLASS-222-71 ..... c 15 N72-21465 *
US-PATENT-CLASS-222-95 ..... c 37 N77-28487 *
US-PATENT-CLASS-224-25A ..... c 05 N72-23085 *
US-PATENT-CLASS-224-25 ..... c 05 N71-12351 *
US-PATENT-CLASS-224-444 ..... c 54 N74-17853 *
US-PATENT-CLASS-225-103 ..... c 37 N82-32730 *
US-PATENT-CLASS-225-1 ..... c 15 N71-17628 *
US-PATENT-CLASS-225-2 ..... c 26 N71-14354 *
US-PATENT-CLASS-226-190 ..... c 08 N71-19420 *
US-PATENT-CLASS-226-58 ..... c 14 N71-28935 *
US-PATENT-CLASS-227-27 ..... c 37 N86-25790 *
US-PATENT-CLASS-227-28 ..... c 37 N86-25790 *
US-PATENT-CLASS-228-103 ..... c 35 N83-35338 *
US-PATENT-CLASS-228-107 ..... c 37 N79-13364 *
US-PATENT-CLASS-228-107 ..... c 37 N88-14359 *
US-PATENT-CLASS-228-107 ..... c 31 N91-31476 *
US-PATENT-CLASS-228-107 ..... c 31 N92-16162 *
US-PATENT-CLASS-228-109 ..... c 37 N88-14359 *
US-PATENT-CLASS-228-116 ..... c 37 N81-19455 *
US-PATENT-CLASS-228-118 ..... c 24 N81-17170 *
US-PATENT-CLASS-228-118 ..... c 24 N81-26179 *
US-PATENT-CLASS-228-119 ..... c 37 N86-32736 * #
US-PATENT-CLASS-228-124 ..... c 26 N77-29260 *
US-PATENT-CLASS-228-124 ..... c 37 N87-21334 *
US-PATENT-CLASS-228-13 ..... c 18 N79-11108 *
US-PATENT-CLASS-228-15.1 ..... c 18 N79-11108 *
US-PATENT-CLASS-228-157 ..... c 24 N82-24296 *
US-PATENT-CLASS-228-157 ..... c 24 N84-11214 *
US-PATENT-CLASS-228-165 ..... c 35 N84-22930 *
US-PATENT-CLASS-228-170 ..... c 24 N81-17170 *
US-PATENT-CLASS-228-173 ..... c 18 N79-11108 *
US-PATENT-CLASS-228-174 ..... c 24 N81-17170 *
US-PATENT-CLASS-228-181 ..... c 24 N84-11214 *
US-PATENT-CLASS-228-190 ..... c 24 N75-28135 *
US-PATENT-CLASS-228-190 ..... c 26 N77-28265 *
US-PATENT-CLASS-228-190 ..... c 24 N81-17170 *
US-PATENT-CLASS-228-190 ..... c 24 N81-26179 *
US-PATENT-CLASS-228-193 ..... c 24 N75-28135 *
US-PATENT-CLASS-228-193 ..... c 37 N76-18455 *
US-PATENT-CLASS-228-193 ..... c 35 N83-35338 *
US-PATENT-CLASS-228-194 ..... c 26 N77-28265 *
US-PATENT-CLASS-228-1 ..... c 37 N75-25185 *
US-PATENT-CLASS-228-2.5 ..... c 37 N79-13364 *
US-PATENT-CLASS-228-2.5 ..... c 37 N88-14359 *
US-PATENT-CLASS-228-2.5 ..... c 31 N91-31476 *
US-PATENT-CLASS-228-2.5 ..... c 31 N92-16162 *
US-PATENT-CLASS-228-203 ..... c 37 N94-29557 *
US-PATENT-CLASS-228-205 ..... c 37 N81-19455 *
US-PATENT-CLASS-228-206 ..... c 37 N76-18455 *
US-PATENT-CLASS-228-208 ..... c 37 N87-21334 *
US-PATENT-CLASS-228-209 ..... c 37 N87-21334 *
US-PATENT-CLASS-228-211 ..... c 37 N94-29557 *
US-PATENT-CLASS-228-212 ..... c 37 N80-23655 *
US-PATENT-CLASS-228-212 ..... c 24 N84-11214 *
US-PATENT-CLASS-228-214 ..... c 37 N76-18455 *
US-PATENT-CLASS-228-222 ..... c 37 N80-23655 *
US-PATENT-CLASS-228-232 ..... c 26 N77-28265 *
US-PATENT-CLASS-228-232 ..... c 37 N94-29557 *
US-PATENT-CLASS-228-238 ..... c 37 N76-18455 *
US-PATENT-CLASS-228-263.18 .. c 35 N83-35338 *
US-PATENT-CLASS-228-263 ..... c 26 N77-29260 *
US-PATENT-CLASS-228-44.1R ... c 37 N80-23655 *
US-PATENT-CLASS-228-5.1 ..... c 44 N79-24431 *
US-PATENT-CLASS-228-50 ..... c 15 N70-39924 *
US-PATENT-CLASS-228-50 ..... c 15 N70-40204 *
US-PATENT-CLASS-228-53 ..... c 15 N71-27214 *
US-PATENT-CLASS-228-57 ..... c 15 N72-22491 *
US-PATENT-CLASS-228-6 ..... c 44 N79-24431 *
US-PATENT-CLASS-228-7 ..... c 15 N71-15607 *
US-PATENT-CLASS-228-8 ..... c 15 N71-23050 *
US-PATENT-CLASS-228-8 ..... c 37 N79-10421 *
US-PATENT-CLASS-228-9 ..... c 15 N71-20393 *
US-PATENT-CLASS-229-DIG.11 . c 32 N73-13921 *
US-PATENT-CLASS-23-109 ..... c 04 N72-33072 *
US-PATENT-CLASS-23-201 ..... c 06 N72-17095 *
US-PATENT-CLASS-23-208 ..... c 15 N69-21922 * #
US-PATENT-CLASS-23-208 ..... c 26 N70-36805 *
US-PATENT-CLASS-23-209.1 ..... c 15 N72-20446 *
US-PATENT-CLASS-23-230B ..... c 25 N75-14844 *
US-PATENT-CLASS-23-230B ..... c 23 N77-17161 *
US-PATENT-CLASS-23-230B ..... c 25 N79-14169 *
US-PATENT-CLASS-23-230B ..... c 51 N80-27067 *
US-PATENT-CLASS-23-230L ..... c 35 N74-32879 *
US-PATENT-CLASS-23-230M ..... c 25 N76-18245 *
US-PATENT-CLASS-23-230M ..... c 23 N77-17161 *
US-PATENT-CLASS-23-230PC .... c 25 N78-15210 *
US-PATENT-CLASS-23-230PC .... c 25 N82-12166 *
US-PATENT-CLASS-23-230R ..... c 06 N72-17094 *
US-PATENT-CLASS-23-230R ..... c 17 N73-12547 *
US-PATENT-CLASS-23-230R ..... c 17 N73-27446 *
US-PATENT-CLASS-23-230R ..... c 25 N76-18245 *
US-PATENT-CLASS-23-230R ..... c 45 N76-31714 *
US-PATENT-CLASS-23-230R ..... c 23 N77-17161 *
US-PATENT-CLASS-23-230 ..... c 06 N71-23527 *
US-PATENT-CLASS-23-230 ..... c 06 N72-17095 *
US-PATENT-CLASS-23-231 ..... c 23 N77-17161 *
US-PATENT-CLASS-23-232C ..... c 06 N72-17094 *
US-PATENT-CLASS-23-232C ..... c 25 N76-18245 *
US-PATENT-CLASS-23-232C ..... c 23 N77-17161 *
US-PATENT-CLASS-23-232E ..... c 06 N73-16106 *
US-PATENT-CLASS-23-232E ..... c 45 N76-31714 *
US-PATENT-CLASS-23-232E ..... c 25 N78-15210 *
US-PATENT-CLASS-23-232E ..... c 25 N82-12166 *
US-PATENT-CLASS-23-232R ..... c 06 N73-16106 *
US-PATENT-CLASS-23-232R ..... c 45 N76-31714 *
US-PATENT-CLASS-23-232R ..... c 23 N77-17161 *
US-PATENT-CLASS-23-232R ..... c 25 N78-15210 *
US-PATENT-CLASS-23-252R ..... c 25 N74-12813 *
US-PATENT-CLASS-23-252R ..... c 25 N79-10162 *
US-PATENT-CLASS-23-252R ..... c 25 N79-28253 *
US-PATENT-CLASS-23-253A ..... c 51 N77-27677 *
US-PATENT-CLASS-23-253A ..... c 54 N78-14784 *
US-PATENT-CLASS-23-253PC .... c 06 N72-17094 *
US-PATENT-CLASS-23-253PC .... c 37 N74-18123 *
US-PATENT-CLASS-23-253R ..... c 15 N72-21465 *
US-PATENT-CLASS-23-253R ..... c 25 N75-14844 *
US-PATENT-CLASS-23-253R ..... c 25 N76-18245 *
US-PATENT-CLASS-23-253 ..... c 23 N71-16355 *
US-PATENT-CLASS-23-253 ..... c 06 N71-26754 *
US-PATENT-CLASS-23-253 ..... c 06 N72-17095 *
US-PATENT-CLASS-23-254EF .... c 35 N76-18403 *
US-PATENT-CLASS-23-254E ..... c 06 N73-16106 *
US-PATENT-CLASS-23-254E ..... c 33 N75-26245 *
US-PATENT-CLASS-23-254E ..... c 35 N75-29380 *
US-PATENT-CLASS-23-254E ..... c 45 N76-21742 *
US-PATENT-CLASS-23-254R ..... c 06 N73-16106 *
US-PATENT-CLASS-23-254R ..... c 25 N76-18245 *
US-PATENT-CLASS-23-254R ..... c 23 N77-17161 *
US-PATENT-CLASS-23-254 ..... c 14 N71-20442 *
US-PATENT-CLASS-23-255E ..... c 35 N75-29380 *
US-PATENT-CLASS-23-255R ..... c 25 N76-18245 *
US-PATENT-CLASS-23-259 ..... c 15 N71-27372 *
US-PATENT-CLASS-23-259 ..... c 15 N72-21465 *
US-PATENT-CLASS-23-259 ..... c 37 N74-18123 *
US-PATENT-CLASS-23-259 ..... c 51 N77-27677 *
US-PATENT-CLASS-23-277C ..... c 25 N74-33378 *
US-PATENT-CLASS-23-277R ..... c 44 N77-22607 *
US-PATENT-CLASS-23-277 ..... c 26 N70-40015 *
US-PATENT-CLASS-23-281 ..... c 28 N72-18766 *
US-PATENT-CLASS-23-281 ..... c 25 N74-12813 *
US-PATENT-CLASS-23-281 ..... c 44 N76-18642 *
US-PATENT-CLASS-23-281 ..... c 44 N76-29700 *
US-PATENT-CLASS-23-281 ..... c 44 N77-10636 *
US-PATENT-CLASS-23-281 ..... c 44 N77-22607 *
US-PATENT-CLASS-23-284 ..... c 35 N74-15127 *
US-PATENT-CLASS-23-288F ..... c 25 N74-12813 *
US-PATENT-CLASS-23-288J ..... c 25 N74-12813 *
US-PATENT-CLASS-23-288R ..... c 28 N80-10374 *
US-PATENT-CLASS-23-288 ..... c 28 N72-18766 *
US-PATENT-CLASS-23-292 ..... c 51 N77-27677 *
US-PATENT-CLASS-23-293R ..... c 28 N81-15119 *
US-PATENT-CLASS-23-295R ..... c 76 N85-29800 *
US-PATENT-CLASS-23-295R ..... c 76 N93-14707 *
US-PATENT-CLASS-23-295R ..... c 76 N94-20528 *
US-PATENT-CLASS-23-300 ..... c 28 N80-23471 *
US-PATENT-CLASS-23-300 ..... c 76 N93-14707 *
US-PATENT-CLASS-23-302A ..... c 28 N80-23471 *
US-PATENT-CLASS-23-302R ..... c 28 N80-23471 *
US-PATENT-CLASS-23-302T ..... c 28 N80-23471 *
US-PATENT-CLASS-23-313R ..... c 71 N85-22104 *
US-PATENT-CLASS-23-55 ..... c 06 N72-17093 *
US-PATENT-CLASS-23-88 ..... c 06 N72-17093 *
US-PATENT-CLASS-23-927 ..... c 51 N80-16714 *
US-PATENT-CLASS-23-97 ..... c 06 N72-17093 *
US-PATENT-CLASS-230-162 ..... c 33 N71-17610 *
US-PATENT-CLASS-230-221 ..... c 11 N72-22245 *
US-PATENT-CLASS-230-54 ..... c 11 N72-22245 *
US-PATENT-CLASS-233-DIG.1 .... c 34 N75-26282 *
US-PATENT-CLASS-233-11 ..... c 15 N71-16079 *
US-PATENT-CLASS-233-20RP .... c 34 N75-26282 *
US-PATENT-CLASS-233-25 ..... c 34 N75-26282 *
US-PATENT-CLASS-233-46 ..... c 34 N75-26282 *
US-PATENT-CLASS-233-6 ..... c 34 N75-26282 *
US-PATENT-CLASS-235.150.27 .. c 04 N74-13420 *
US-PATENT-CLASS-235-10.2 ..... c 08 N73-25206 *
US-PATENT-CLASS-235-150.1 .... c 08 N71-29033 *
US-PATENT-CLASS-235-150.1 .... c 08 N72-31226 *
US-PATENT-CLASS-235-150.1 .... c 32 N77-10392 *

US-PATENT-CLASS-235-150.22 .. c 02 N71-13421 *
US-PATENT-CLASS-235-150.22 .. c 04 N74-13420 *
US-PATENT-CLASS-235-150.25 .. c 21 N71-21688 *
US-PATENT-CLASS-235-150.25 .. c 35 N77-20399 *
US-PATENT-CLASS-235-150.26 .. c 04 N74-13420 *
US-PATENT-CLASS-235-150.27 .. c 08 N71-29033 *
US-PATENT-CLASS-235-150.2 .... c 08 N71-29033 *
US-PATENT-CLASS-235-150.2 .... c 35 N77-20399 *
US-PATENT-CLASS-235-150.3 .... c 33 N74-10223 *
US-PATENT-CLASS-235-150.52 .. c 08 N72-22165 *
US-PATENT-CLASS-235-150.53 .. c 08 N72-22165 *
US-PATENT-CLASS-235-150.53 .. c 07 N73-13149 *
US-PATENT-CLASS-235-150.53 .. c 33 N75-26243 *
US-PATENT-CLASS-235-151.13 .. c 25 N76-18245 *
US-PATENT-CLASS-235-151.1 .... c 08 N71-29033 *
US-PATENT-CLASS-235-151.1 .... c 08 N72-31226 *
US-PATENT-CLASS-235-151.27 .. c 08 N73-25206 *
US-PATENT-CLASS-235-151.31 .. c 10 N73-25240 *
US-PATENT-CLASS-235-151.34 .. c 35 N76-14431 *
US-PATENT-CLASS-235-151.3 .... c 52 N74-22771 *
US-PATENT-CLASS-235-151.3 .... c 38 N78-17395 *
US-PATENT-CLASS-235-151.3 .... c 38 N78-17396 *
US-PATENT-CLASS-235-151 ..... c 37 N74-21056 *
US-PATENT-CLASS-235-152IE ... c 08 N73-32081 *
US-PATENT-CLASS-235-152 ..... c 07 N71-24741 *
US-PATENT-CLASS-235-152 ..... c 08 N72-20176 *
US-PATENT-CLASS-235-152 ..... c 08 N72-22167 *
US-PATENT-CLASS-235-152 ..... c 08 N72-25210 *
US-PATENT-CLASS-235-152 ..... c 08 N73-12175 *
US-PATENT-CLASS-235-152 ..... c 09 N73-13209 *
US-PATENT-CLASS-235-152 ..... c 08 N73-26175 *
US-PATENT-CLASS-235-152 ..... c 60 N77-14751 *
US-PATENT-CLASS-235-153AE .. c 60 N76-21914 *
US-PATENT-CLASS-235-153AK .. c 62 N74-14920 *
US-PATENT-CLASS-235-153 ..... c 08 N71-24633 *
US-PATENT-CLASS-235-153 ..... c 08 N72-22166 *
US-PATENT-CLASS-235-154 ..... c 08 N70-34778 *
US-PATENT-CLASS-235-154 ..... c 10 N71-23662 *
US-PATENT-CLASS-235-154 ..... c 08 N72-18184 *
US-PATENT-CLASS-235-154 ..... c 08 N72-25206 *
US-PATENT-CLASS-235-155 ..... c 08 N71-24890 *
US-PATENT-CLASS-235-155 ..... c 08 N72-21197 *
US-PATENT-CLASS-235-155 ..... c 08 N73-12176 *
US-PATENT-CLASS-235-156 ..... c 08 N71-18693 *
US-PATENT-CLASS-235-156 ..... c 60 N75-13539 *
US-PATENT-CLASS-235-156 ..... c 32 N76-21366 *
US-PATENT-CLASS-235-156 ..... c 32 N77-10392 *
US-PATENT-CLASS-235-156 ..... c 38 N78-17395 *
US-PATENT-CLASS-235-156 ..... c 38 N78-17396 *
US-PATENT-CLASS-235-158 ..... c 08 N71-19437 *
US-PATENT-CLASS-235-164 ..... c 08 N71-33110 *
US-PATENT-CLASS-235-164 ..... c 08 N73-26175 *
US-PATENT-CLASS-235-164 ..... c 60 N74-20836 *
US-PATENT-CLASS-235-175 ..... c 08 N71-18602 *
US-PATENT-CLASS-235-175 ..... c 08 N71-33110 *
US-PATENT-CLASS-235-176 ..... c 08 N70-34787 *
US-PATENT-CLASS-235-181 ..... c 07 N71-21476 *
US-PATENT-CLASS-235-181 ..... c 07 N73-13149 *
US-PATENT-CLASS-235-181 ..... c 35 N75-21582 *
US-PATENT-CLASS-235-181 ..... c 33 N75-26243 *
US-PATENT-CLASS-235-181 ..... c 43 N77-10584 *
US-PATENT-CLASS-235-181 ..... c 38 N78-17395 *
US-PATENT-CLASS-235-183 ..... c 08 N72-22165 *
US-PATENT-CLASS-235-184 ..... c 74 N76-18913 *
US-PATENT-CLASS-235-186 ..... c 10 N73-26230 *
US-PATENT-CLASS-235-194 ..... c 09 N71-19480 *
US-PATENT-CLASS-235-194 ..... c 08 N72-22165 *
US-PATENT-CLASS-235-194 ..... c 10 N73-26230 *
US-PATENT-CLASS-235-197 ..... c 08 N72-22165 *
US-PATENT-CLASS-235-197 ..... c 09 N72-23173 *
US-PATENT-CLASS-235-197 ..... c 10 N73-20253 *
US-PATENT-CLASS-235-197 ..... c 10 N73-26230 *
US-PATENT-CLASS-235-197 ..... c 60 N75-13539 *
US-PATENT-CLASS-235-201 ..... c 10 N71-25899 *
US-PATENT-CLASS-235-61.6 ..... c 01 N71-13411 *
US-PATENT-CLASS-235-61.6 ..... c 15 N71-21179 *
US-PATENT-CLASS-235-61NV .... c 08 N72-11172 *
US-PATENT-CLASS-235-61NV .... c 35 N76-29552 *
US-PATENT-CLASS-235-70 ..... c 04 N78-17031 *
US-PATENT-CLASS-235-78M ..... c 35 N76-29552 *
US-PATENT-CLASS-235-88M ..... c 35 N76-29552 *
US-PATENT-CLASS-235-92CA .... c 33 N74-10223 *
US-PATENT-CLASS-235-92CA .... c 38 N77-17495 *
US-PATENT-CLASS-235-92CC .... c 08 N72-20176 *
US-PATENT-CLASS-235-92CT .... c 38 N77-17495 *
US-PATENT-CLASS-235-92CV .... c 08 N73-25206 *
US-PATENT-CLASS-235-92DE .... c 08 N72-20176 *
US-PATENT-CLASS-235-92DM ... c 08 N72-20176 *
US-PATENT-CLASS-235-92DM ... c 33 N74-10223 *
US-PATENT-CLASS-235-92DM ... c 33 N75-19519 *
US-PATENT-CLASS-235-92DN .... c 08 N73-25206 *
US-PATENT-CLASS-235-92DN .... c 38 N77-17495 *
US-PATENT-CLASS-235-92EA .... c 08 N73-25206 *
US-PATENT-CLASS-235-92EV .... c 08 N73-25206 *
US-PATENT-CLASS-235-92FQ .... c 08 N73-20217 *
US-PATENT-CLASS-235-92LG .... c 08 N72-20176 *
US-PATENT-CLASS-235-92LG .... c 33 N75-19519 *
US-PATENT-CLASS-235-92MT .... c 08 N72-31226 *
US-PATENT-CLASS-235-92MT .... c 32 N73-26910 *
US-PATENT-CLASS-235-92PC .... c 35 N82-11431 *
US-PATENT-CLASS-235-92PE .... c 37 N74-21056 *
US-PATENT-CLASS-235-92R ..... c 08 N72-20176 *
US-PATENT-CLASS-235-92R ..... c 08 N73-20217 *
US-PATENT-CLASS-235-92R ..... c 08 N73-25206 *
US-PATENT-CLASS-235-92R ..... c 33 N75-19519 *
US-PATENT-CLASS-235-92R ..... c 38 N77-17495 *
US-PATENT-CLASS-235-92SB .... c 37 N74-21056 *
US-PATENT-CLASS-235-92SH .... c 33 N76-14373 *
US-PATENT-CLASS-235-92T ..... c 03 N72-25020 *
US-PATENT-CLASS-235-92T ..... c 08 N73-20217 *
US-PATENT-CLASS-235-92T ..... c 33 N75-19519 *
US-PATENT-CLASS-235-92VA .... c 33 N75-19519 *
US-PATENT-CLASS-235-92 ..... c 08 N71-22897 *
US-PATENT-CLASS-235-92 ..... c 08 N71-24891 *
US-PATENT-CLASS-235-92 ..... c 10 N71-27137 *
US-PATENT-CLASS-235-92 ..... c 14 N71-27215 *
US-PATENT-CLASS-236-1F ..... c 35 N81-26431 *
US-PATENT-CLASS-236-13 ..... c 31 N80-32583 *
US-PATENT-CLASS-236-15-E .... c 25 N88-29002 *
US-PATENT-CLASS-236-1 ..... c 33 N71-16357 *
US-PATENT-CLASS-236-44A ..... c 35 N91-21496 *
US-PATENT-CLASS-236-44C ..... c 31 N80-32583 *
US-PATENT-CLASS-236-49 ..... c 31 N74-27902 *
US-PATENT-CLASS-236-49 ..... c 31 N80-32583 *
US-PATENT-CLASS-236-68 ..... c 15 N72-12409 *
US-PATENT-CLASS-236-94 ..... c 35 N91-21496 *
US-PATENT-CLASS-237-1A ..... c 44 N76-14602 *
US-PATENT-CLASS-237-1A ..... c 44 N78-10554 *
US-PATENT-CLASS-237-1A ..... c 44 N78-15560 *
US-PATENT-CLASS-237-1A ..... c 44 N78-17460 *
US-PATENT-CLASS-237-1A ..... c 44 N78-31525 *
US-PATENT-CLASS-237-1A ..... c 44 N79-24433 *
US-PATENT-CLASS-237-60 ..... c 34 N76-17317 *
US-PATENT-CLASS-238-134 ..... c 85 N74-34672 *
US-PATENT-CLASS-238-1 ..... c 05 N71-28619 *
US-PATENT-CLASS-239-DIG.23 . c 37 N85-29283 *
US-PATENT-CLASS-239-102 ..... c 37 N80-10494 *
US-PATENT-CLASS-239-127.1 .... c 28 N71-23968 *
US-PATENT-CLASS-239-127.1 .... c 28 N73-32606 *
US-PATENT-CLASS-239-127.1 .... c 34 N79-13288 *
US-PATENT-CLASS-239-127.1 .... c 34 N79-13289 *
US-PATENT-CLASS-239-127.1 .... c 34 N80-24573 *
US-PATENT-CLASS-239-127.1 .... c 44 N81-24519 *
US-PATENT-CLASS-239-127.1 .... c 37 N92-16318 *
US-PATENT-CLASS-239-127.3 .... c 20 N76-14191 *
US-PATENT-CLASS-239-127.3 .... c 07 N80-32392 *
US-PATENT-CLASS-239-127.3 .... c 37 N92-16318 *
US-PATENT-CLASS-239-132.5 .... c 20 N87-14420 *
US-PATENT-CLASS-239-14.1 ..... c 09 N89-25242 *
US-PATENT-CLASS-239-145 ..... c 31 N90-23587 *
US-PATENT-CLASS-239-171 ..... c 37 N77-13418 *
US-PATENT-CLASS-239-2.1 ..... c 09 N89-25242 *
US-PATENT-CLASS-239-265.11 .. c 18 N71-21068 *
US-PATENT-CLASS-239-265.11 .. c 07 N74-33218 *
US-PATENT-CLASS-239-265.11 .. c 07 N76-18117 *
US-PATENT-CLASS-239-265.11 .. c 37 N90-23751 *
US-PATENT-CLASS-239-265.11 .. c 37 N91-27560 *
US-PATENT-CLASS-239-265.11 .. c 37 N92-22043 *
US-PATENT-CLASS-239-265.15 .. c 37 N79-22474 *
US-PATENT-CLASS-239-265.17 .. c 07 N74-27490 *
US-PATENT-CLASS-239-265.17 .. c 07 N83-33884 *
US-PATENT-CLASS-239-265.17 .. c 71 N84-14873 *
US-PATENT-CLASS-239-265.17 .. c 20 N89-25279 *
US-PATENT-CLASS-239-265.19 .. c 28 N71-21493 *
US-PATENT-CLASS-239-265.19 .. c 28 N72-11708 *
US-PATENT-CLASS-239-265.25 .. c 07 N78-27121 *
US-PATENT-CLASS-239-265.25 .. c 09 N78-31129 *
US-PATENT-CLASS-239-265.33 .. c 07 N78-27121 *
US-PATENT-CLASS-239-265.33 .. c 07 N80-32392 *
US-PATENT-CLASS-239-265.39 .. c 07 N79-14097 *
US-PATENT-CLASS-239-265.43 .. c 28 N71-16224 *
US-PATENT-CLASS-239-265.43 .. c 28 N72-11708 *
US-PATENT-CLASS-239-288 ..... c 37 N79-22474 *
US-PATENT-CLASS-239-288 ..... c 37 N85-29283 *
US-PATENT-CLASS-239-302 ..... c 37 N80-10494 *
US-PATENT-CLASS-239-322 ..... c 37 N85-29283 *
US-PATENT-CLASS-239-327 ..... c 37 N85-29283 *
US-PATENT-CLASS-239-375 ..... c 37 N85-29283 *
US-PATENT-CLASS-239-402.5 .... c 07 N85-35195 *
US-PATENT-CLASS-239-403 ..... c 20 N87-14420 *
US-PATENT-CLASS-239-410 ..... c 20 N94-20370 *
US-PATENT-CLASS-239-416 ..... c 15 N69-23185 * #
US-PATENT-CLASS-239-416 ..... c 15 N71-17654 *
US-PATENT-CLASS-239-418 ..... c 28 N72-23809 *
US-PATENT-CLASS-239-424 ..... c 15 N72-25455 *
US-PATENT-CLASS-239-425 ..... c 20 N87-14420 *
US-PATENT-CLASS-239-426 ..... c 34 N84-12406 *
US-PATENT-CLASS-239-426 ..... c 34 N87-21255 *
US-PATENT-CLASS-239-433 ..... c 28 N72-23809 *
US-PATENT-CLASS-239-433 ..... c 37 N87-24689 *
US-PATENT-CLASS-239-434 ..... c 34 N87-21255 *
US-PATENT-CLASS-239-499 ..... c 34 N82-13376 *
US-PATENT-CLASS-239-533.13 .. c 34 N92-21724 *
US-PATENT-CLASS-239-533.2 .... c 20 N94-20370 *
US-PATENT-CLASS-239-543 ..... c 28 N72-23809 *
US-PATENT-CLASS-239-543 ..... c 31 N90-20254 *
US-PATENT-CLASS-239-543 ..... c 34 N92-21724 *
US-PATENT-CLASS-239-545 ..... c 34 N87-21255 *
US-PATENT-CLASS-239-546 ..... c 34 N92-21724 *
US-PATENT-CLASS-239-552 ..... c 34 N92-21724 *
US-PATENT-CLASS-239-562 ..... c 43 N81-26509 *
US-PATENT-CLASS-239-568 ..... c 37 N84-16561 *
US-PATENT-CLASS-239-589 ..... c 34 N82-13376 *
US-PATENT-CLASS-239-590 ..... c 37 N85-29283 *
US-PATENT-CLASS-239-591 ..... c 43 N81-26509 *
US-PATENT-CLASS-239-596 ..... c 37 N87-24689 *
US-PATENT-CLASS-239-597 ..... c 31 N91-15424 *
US-PATENT-CLASS-239-600 ..... c 37 N87-24689 *
US-PATENT-CLASS-239-601 ..... c 34 N82-13376 *
US-PATENT-CLASS-239-601 ..... c 31 N91-15424 *
US-PATENT-CLASS-239-602 ..... c 34 N92-21724 *
US-PATENT-CLASS-239-690 ..... c 28 N82-18401 *
US-PATENT-CLASS-24-126 ..... c 15 N71-22994 *
US-PATENT-CLASS-24-134R ..... c 15 N73-25512 *
US-PATENT-CLASS-24-205.17 .... c 15 N71-25975 *
US-PATENT-CLASS-24-211N ..... c 15 N72-11385 *
US-PATENT-CLASS-24-211 ..... c 15 N71-17653 *
US-PATENT-CLASS-24-214 ..... c 31 N83-31895 *
US-PATENT-CLASS-24-263 ..... c 15 N71-21076 *
US-PATENT-CLASS-24-263 ..... c 15 N71-26162 *
US-PATENT-CLASS-24-304 ..... c 27 N85-20125 *
US-PATENT-CLASS-24-447 ..... c 27 N85-20125 *
US-PATENT-CLASS-24-450 ..... c 27 N85-20125 *
US-PATENT-CLASS-24-513 ..... c 37 N94-29427 *
US-PATENT-CLASS-24-560 ..... c 52 N84-28388 *
US-PATENT-CLASS-24-635 ..... c 37 N90-17154 *
US-PATENT-CLASS-24-68B ..... c 54 N89-29953 *
US-PATENT-CLASS-24-693 ..... c 27 N85-20125 *
US-PATENT-CLASS-240-1.2 ..... c 11 N70-33329 *
US-PATENT-CLASS-240-11.2 ..... c 09 N71-26787 *
US-PATENT-CLASS-240-11.4 ..... c 09 N71-26787 *
US-PATENT-CLASS-240-41.35R . c 74 N77-21941 *
US-PATENT-CLASS-240-41B ..... c 36 N75-27364 *
US-PATENT-CLASS-240-41R ..... c 74 N77-21941 *
US-PATENT-CLASS-240-46.13 .... c 74 N77-21941 *
US-PATENT-CLASS-240-47 ..... c 34 N74-23066 *
US-PATENT-CLASS-240-51.11 .... c 09 N71-26787 *
US-PATENT-CLASS-241-95 ..... c 37 N84-16561 *
US-PATENT-CLASS-242-107 ..... c 33 N86-20669 *
US-PATENT-CLASS-242-128 ..... c 15 N82-24272 *
US-PATENT-CLASS-242-187 ..... c 37 N77-14479 *
US-PATENT-CLASS-242-192 ..... c 14 N71-23698 *
US-PATENT-CLASS-242-193 ..... c 37 N77-14479 *
US-PATENT-CLASS-242-204 ..... c 37 N77-14479 *
US-PATENT-CLASS-242-210 ..... c 37 N77-14479 *
US-PATENT-CLASS-242-54-R .... c 33 N86-20669 *
US-PATENT-CLASS-242-54 ..... c 15 N72-18477 *
US-PATENT-CLASS-242-55.19 .... c 14 N70-41647 *
US-PATENT-CLASS-242-55.19 .... c 07 N71-10609 *
US-PATENT-CLASS-242-57 ..... c 37 N77-14479 *
US-PATENT-CLASS-244.12.2 ..... c 05 N82-26277 *
US-PATENT-CLASS-244-ISS ..... c 03 N72-20031 *
US-PATENT-CLASS-244-1.55 ..... c 03 N73-20040 *
US-PATENT-CLASS-244-1-R ..... c 06 N87-22678 *
US-PATENT-CLASS-244-1A ..... c 33 N77-10429 *
US-PATENT-CLASS-244-1A ..... c 24 N94-20539 *
US-PATENT-CLASS-244-1R ..... c 34 N79-31523 *
US-PATENT-CLASS-244-1R ..... c 35 N90-22769 *
US-PATENT-CLASS-244-1R ..... c 37 N94-20587 *
US-PATENT-CLASS-244-1SA ..... c 21 N72-21624 *
US-PATENT-CLASS-244-1SA ..... c 21 N72-25595 *
US-PATENT-CLASS-244-1SA ..... c 03 N73-20039 *
US-PATENT-CLASS-244-1SA ..... c 15 N73-25513 *
US-PATENT-CLASS-244-1SA ..... c 21 N73-30640 *
US-PATENT-CLASS-244-1SA ..... c 19 N74-15089 *
US-PATENT-CLASS-244-1SA ..... c 35 N74-28097 *
US-PATENT-CLASS-244-1SB ..... c 15 N73-12486 *
US-PATENT-CLASS-244-1SC ..... c 31 N73-32750 *
US-PATENT-CLASS-244-1SC ..... c 34 N75-12222 *
US-PATENT-CLASS-244-1SD ..... c 31 N73-26876 *
US-PATENT-CLASS-244-1SD ..... c 37 N74-27903 *
US-PATENT-CLASS-244-1SD ..... c 15 N77-10112 *
US-PATENT-CLASS-244-1SS ..... c 11 N73-13257 *
US-PATENT-CLASS-244-1SS ..... c 03 N73-20039 *
US-PATENT-CLASS-244-1SS ..... c 14 N73-27378 *
US-PATENT-CLASS-244-1SS ..... c 31 N73-30829 *
US-PATENT-CLASS-244-1SS ..... c 31 N73-32750 *
US-PATENT-CLASS-244-1SS ..... c 33 N73-32818 *
US-PATENT-CLASS-244-1SS ..... c 18 N74-22136 *
US-PATENT-CLASS-244-1SS ..... c 18 N74-27397 *
US-PATENT-CLASS-244-1SS ..... c 73 N75-30876 *
US-PATENT-CLASS-244-100A .... c 18 N94-20590 *
US-PATENT-CLASS-244-100 ..... c 15 N70-34850 *
US-PATENT-CLASS-244-100 ..... c 31 N70-36654 *
US-PATENT-CLASS-244-100 ..... c 31 N70-36845 *
US-PATENT-CLASS-244-100 ..... c 02 N70-41589 *
US-PATENT-CLASS-244-103R .... c 37 N81-24443 *
US-PATENT-CLASS-244-103 ..... c 02 N70-36825 *

US-PATENT-CLASS-244-110B .... c 07 N82-26293 *
US-PATENT-CLASS-244-110C .... c 37 N82-18601 *
US-PATENT-CLASS-244-110D .... c 18 N94-20590 *
US-PATENT-CLASS-244-113 ..... c 02 N70-37939 *
US-PATENT-CLASS-244-113 ..... c 31 N71-25434 *
US-PATENT-CLASS-244-113 ..... c 02 N77-10001 *
US-PATENT-CLASS-244-113 ..... c 37 N82-16408 *
US-PATENT-CLASS-244-113 ..... c 08 N85-35200 *
US-PATENT-CLASS-244-113 ..... c 02 N91-27139 *
US-PATENT-CLASS-244-113 ..... c 18 N94-20590 *
US-PATENT-CLASS-244-114R .... c 04 N82-16059 *
US-PATENT-CLASS-244-114 ..... c 21 N72-22619 *
US-PATENT-CLASS-244-115 ..... c 18 N83-29303 *
US-PATENT-CLASS-244-117-A ... c 24 N88-18628 *
US-PATENT-CLASS-244-117A .... c 33 N73-25952 *
US-PATENT-CLASS-244-117A .... c 34 N76-17317 *
US-PATENT-CLASS-244-117A .... c 37 N76-19437 *
US-PATENT-CLASS-244-117A .... c 34 N77-18382 *
US-PATENT-CLASS-244-117A .... c 05 N81-26114 *
US-PATENT-CLASS-244-117A .... c 27 N84-27886 *
US-PATENT-CLASS-244-117 ..... c 31 N70-33242 *
US-PATENT-CLASS-244-117 ..... c 33 N72-17947 *
US-PATENT-CLASS-244-118.1 .... c 08 N82-32373 *
US-PATENT-CLASS-244-118.1 .... c 18 N85-29991 *
US-PATENT-CLASS-244-118.1 .... c 37 N85-34401 *
US-PATENT-CLASS-244-118.1 .... c 05 N87-14314 *
US-PATENT-CLASS-244-118.1 .... c 05 N91-27156 *
US-PATENT-CLASS-244-118.1 .... c 16 N93-20115 *
US-PATENT-CLASS-244-118.2 .... c 16 N93-20115 *
US-PATENT-CLASS-244-118.5 .... c 54 N93-14713 *
US-PATENT-CLASS-244-119 ..... c 02 N81-14968 *
US-PATENT-CLASS-244-119 ..... c 24 N82-24296 *
US-PATENT-CLASS-244-119 ..... c 24 N82-26384 *
US-PATENT-CLASS-244-119 ..... c 24 N84-11214 *
US-PATENT-CLASS-244-119 ..... c 05 N88-23765 *
US-PATENT-CLASS-244-12.3 ..... c 05 N88-28914 *
US-PATENT-CLASS-244-12.4 ..... c 05 N88-28914 *
US-PATENT-CLASS-244-12.5 ..... c 08 N81-19130 *
US-PATENT-CLASS-244-120 ..... c 05 N88-23765 *
US-PATENT-CLASS-244-120 ..... c 05 N91-31140 *
US-PATENT-CLASS-244-121 ..... c 27 N79-12221 *
US-PATENT-CLASS-244-121 ..... c 24 N79-25142 *
US-PATENT-CLASS-244-121 ..... c 15 N79-26100 *
US-PATENT-CLASS-244-121 ..... c 27 N82-24339 *
US-PATENT-CLASS-244-121 ..... c 27 N82-29456 *
US-PATENT-CLASS-244-121 ..... c 37 N87-17036 *
US-PATENT-CLASS-244-121 ..... c 16 N92-16007 *
US-PATENT-CLASS-244-121 ..... c 27 N93-29088 *
US-PATENT-CLASS-244-121 ..... c 16 N94-20304 *
US-PATENT-CLASS-244-122AD .. c 03 N91-15142 *
US-PATENT-CLASS-244-122 ..... c 05 N71-20718 *
US-PATENT-CLASS-244-123 ..... c 24 N77-28225 *
US-PATENT-CLASS-244-123 ..... c 24 N82-24296 *
US-PATENT-CLASS-244-123 ..... c 24 N82-26384 *
US-PATENT-CLASS-244-123 ..... c 24 N84-11214 *
US-PATENT-CLASS-244-127 ..... c 34 N74-23039 *
US-PATENT-CLASS-244-129.4 .... c 16 N92-16007 *
US-PATENT-CLASS-244-129.5 .... c 18 N90-19278 *
US-PATENT-CLASS-244-12 ..... c 02 N70-33332 *
US-PATENT-CLASS-244-130 ..... c 02 N77-10001 *
US-PATENT-CLASS-244-130 ..... c 02 N81-14968 *
US-PATENT-CLASS-244-130 ..... c 37 N81-24443 *
US-PATENT-CLASS-244-130 ..... c 02 N87-16793 *
US-PATENT-CLASS-244-130 ..... c 07 N87-16828 *
US-PATENT-CLASS-244-130 ..... c 02 N88-14071 *
US-PATENT-CLASS-244-130 ..... c 05 N88-23765 *
US-PATENT-CLASS-244-130 ..... c 05 N90-20078 *
US-PATENT-CLASS-244-130 ..... c 05 N90-20079 *
US-PATENT-CLASS-244-130 ..... c 34 N91-14562 *
US-PATENT-CLASS-244-130 ..... c 05 N91-27156 *
US-PATENT-CLASS-244-130 ..... c 02 N94-10672 * #
US-PATENT-CLASS-244-132 ..... c 24 N82-26384 *
US-PATENT-CLASS-244-132 ..... c 24 N82-32417 *
US-PATENT-CLASS-244-133 ..... c 31 N90-19427 *
US-PATENT-CLASS-244-134-D ... c 33 N86-20671 *
US-PATENT-CLASS-244-134-D ... c 33 N87-28833 *
US-PATENT-CLASS-244-134-F ... c 35 N88-29149 *
US-PATENT-CLASS-244-135R .... c 34 N76-17317 *
US-PATENT-CLASS-244-135R .... c 20 N80-10278 *
US-PATENT-CLASS-244-135 ..... c 31 N70-42015 *
US-PATENT-CLASS-244-135 ..... c 15 N73-12486 *
US-PATENT-CLASS-244-135 ..... c 14 N73-27378 *
US-PATENT-CLASS-244-137.2 .... c 18 N91-14374 *
US-PATENT-CLASS-244-137.2 .... c 03 N91-15142 *
US-PATENT-CLASS-244-137.2 .... c 03 N91-31113 *
US-PATENT-CLASS-244-137.4 .... c 05 N90-20079 *
US-PATENT-CLASS-244-137.4 .... c 05 N91-27156 *
US-PATENT-CLASS-244-137-A ... c 05 N87-14314 *
US-PATENT-CLASS-244-137P ..... c 31 N73-26876 *
US-PATENT-CLASS-244-137P ..... c 37 N76-22540 *
US-PATENT-CLASS-244-137P ..... c 01 N83-35992 *
US-PATENT-CLASS-244-137R .... c 08 N82-32373 *
US-PATENT-CLASS-244-138A .... c 35 N90-22769 *
US-PATENT-CLASS-244-138A .... c 18 N94-20590 *
US-PATENT-CLASS-244-138R .... c 18 N94-20590 *
US-PATENT-CLASS-244-138 ..... c 01 N69-39981 * #
US-PATENT-CLASS-244-138 ..... c 02 N70-41630 *
US-PATENT-CLASS-244-138 ..... c 31 N71-16085 *
US-PATENT-CLASS-244-138 ..... c 31 N71-25434 *
US-PATENT-CLASS-244-138 ..... c 31 N71-28851 *
US-PATENT-CLASS-244-139 ..... c 31 N73-13898 *
US-PATENT-CLASS-244-139 ..... c 02 N76-16014 *
US-PATENT-CLASS-244-139 ..... c 05 N85-21147 *
US-PATENT-CLASS-244-139 ..... c 08 N85-35200 *
US-PATENT-CLASS-244-139 ..... c 02 N91-27139 *
US-PATENT-CLASS-244-13 ..... c 01 N71-23497 *
US-PATENT-CLASS-244-13 ..... c 02 N73-26005 *
US-PATENT-CLASS-244-13 ..... c 05 N75-25914 *
US-PATENT-CLASS-244-13 ..... c 05 N84-12154 *
US-PATENT-CLASS-244-140 ..... c 02 N70-38009 *
US-PATENT-CLASS-244-145 ..... c 02 N74-10034 *
US-PATENT-CLASS-244-147 ..... c 05 N85-21147 *
US-PATENT-CLASS-244-14 ..... c 14 N70-33322 *
US-PATENT-CLASS-244-14 ..... c 18 N91-21222 *
US-PATENT-CLASS-244-15.5 ..... c 31 N72-18859 *
US-PATENT-CLASS-244-150 ..... c 15 N71-24600 *
US-PATENT-CLASS-244-151R .... c 33 N74-22865 *
US-PATENT-CLASS-244-152 ..... c 02 N70-36804 *
US-PATENT-CLASS-244-155 ..... c 30 N73-12884 *
US-PATENT-CLASS-244-155 ..... c 31 N73-14854 *
US-PATENT-CLASS-244-158.R ... c 20 N86-26368 *
US-PATENT-CLASS-244-158-A ... c 37 N85-30335 *
US-PATENT-CLASS-244-158-A ... c 05 N86-19310 *
US-PATENT-CLASS-244-158-A ... c 24 N88-18628 *
US-PATENT-CLASS-244-158-R ... c 05 N86-19310 *
US-PATENT-CLASS-244-158-R ... c 18 N86-20469 *
US-PATENT-CLASS-244-158A .... c 27 N82-24339 *
US-PATENT-CLASS-244-158A .... c 27 N82-29456 *
US-PATENT-CLASS-244-158A .... c 24 N82-32417 *
US-PATENT-CLASS-244-158A .... c 24 N83-13172 *
US-PATENT-CLASS-244-158A .... c 16 N84-22601 *
US-PATENT-CLASS-244-158A .... c 27 N84-27886 *
US-PATENT-CLASS-244-158A .... c 24 N90-23480 *
US-PATENT-CLASS-244-158A .... c 37 N94-20127 *
US-PATENT-CLASS-244-158A .... c 16 N94-20304 *
US-PATENT-CLASS-244-158A .... c 18 N94-20590 *
US-PATENT-CLASS-244-158R .... c 31 N81-25258 *
US-PATENT-CLASS-244-158R .... c 16 N84-27784 *
US-PATENT-CLASS-244-158R .... c 18 N85-29991 *
US-PATENT-CLASS-244-158R .... c 37 N85-34401 *
US-PATENT-CLASS-244-158R .... c 37 N87-17036 *
US-PATENT-CLASS-244-158R .... c 18 N90-19278 *
US-PATENT-CLASS-244-158R .... c 16 N90-22584 *
US-PATENT-CLASS-244-158R .... c 18 N91-21222 *
US-PATENT-CLASS-244-158R .... c 18 N92-15114 *
US-PATENT-CLASS-244-158R .... c 16 N92-16007 *
US-PATENT-CLASS-244-158R .... c 35 N92-33010 *
US-PATENT-CLASS-244-158R .... c 18 N92-33013 *
US-PATENT-CLASS-244-158R .... c 54 N93-14713 *
US-PATENT-CLASS-244-158R .... c 27 N93-29088 *
US-PATENT-CLASS-244-158R .... c 37 N94-20127 *
US-PATENT-CLASS-244-158R .... c 18 N94-20367 *
US-PATENT-CLASS-244-158R .... c 27 N94-35502 *
US-PATENT-CLASS-244-158 ..... c 37 N76-22540 *
US-PATENT-CLASS-244-158 ..... c 27 N79-12221 *
US-PATENT-CLASS-244-159 ..... c 18 N79-11108 *
US-PATENT-CLASS-244-159 ..... c 07 N83-20944 *
US-PATENT-CLASS-244-159 ..... c 31 N83-31895 *
US-PATENT-CLASS-244-159 ..... c 18 N86-24729 *
US-PATENT-CLASS-244-159 ..... c 37 N86-25789 *
US-PATENT-CLASS-244-159 ..... c 18 N88-26398 *
US-PATENT-CLASS-244-159 ..... c 18 N89-25266 *
US-PATENT-CLASS-244-159 ..... c 18 N89-28553 *
US-PATENT-CLASS-244-159 ..... c 18 N90-16860 *
US-PATENT-CLASS-244-159 ..... c 18 N90-20126 *
US-PATENT-CLASS-244-159 ..... c 18 N91-27201 *
US-PATENT-CLASS-244-159 ..... c 54 N91-31803 * #
US-PATENT-CLASS-244-15 ..... c 05 N75-25914 *
US-PATENT-CLASS-244-15 ..... c 05 N88-23765 *
US-PATENT-CLASS-244-160 ..... c 27 N79-12221 *
US-PATENT-CLASS-244-160 ..... c 43 N81-17499 *
US-PATENT-CLASS-244-160 ..... c 14 N81-26161 *
US-PATENT-CLASS-244-160 ..... c 27 N82-24339 *
US-PATENT-CLASS-244-160 ..... c 27 N82-29456 *
US-PATENT-CLASS-244-160 ..... c 16 N90-22584 *
US-PATENT-CLASS-244-160 ..... c 18 N92-21999 *
US-PATENT-CLASS-244-160 ..... c 18 N92-33013 *
US-PATENT-CLASS-244-160 ..... c 18 N94-20367 *
US-PATENT-CLASS-244-160 ..... c 18 N94-20590 *
US-PATENT-CLASS-244-161 ..... c 18 N76-14186 *
US-PATENT-CLASS-244-161 ..... c 37 N76-22540 *
US-PATENT-CLASS-244-161 ..... c 37 N77-23483 *
US-PATENT-CLASS-244-161 ..... c 15 N78-25119 *
US-PATENT-CLASS-244-161 ..... c 37 N80-14398 *
US-PATENT-CLASS-244-161 ..... c 37 N81-14320 *
US-PATENT-CLASS-244-161 ..... c 37 N81-27519 *
US-PATENT-CLASS-244-161 ..... c 18 N83-29303 *
US-PATENT-CLASS-244-161 ..... c 18 N84-22605 *
US-PATENT-CLASS-244-161 ..... c 16 N86-26352 *
US-PATENT-CLASS-244-161 ..... c 37 N87-25582 *
US-PATENT-CLASS-244-161 ..... c 18 N89-25266 *
US-PATENT-CLASS-244-161 ..... c 18 N89-28553 *
US-PATENT-CLASS-244-161 ..... c 18 N90-20126 *
US-PATENT-CLASS-244-161 ..... c 16 N90-22584 *
US-PATENT-CLASS-244-161 ..... c 18 N91-14374 *
US-PATENT-CLASS-244-161 ..... c 37 N92-28727 *
US-PATENT-CLASS-244-161 ..... c 18 N92-28750 *
US-PATENT-CLASS-244-161 ..... c 37 N92-33018 *
US-PATENT-CLASS-244-161 ..... c 37 N94-23078 *
US-PATENT-CLASS-244-161 ..... c 37 N94-23822 *
US-PATENT-CLASS-244-162 ..... c 18 N75-19329 *
US-PATENT-CLASS-244-162 ..... c 18 N76-17185 *
US-PATENT-CLASS-244-162 ..... c 03 N91-15142 *
US-PATENT-CLASS-244-162 ..... c 18 N92-21999 *
US-PATENT-CLASS-244-162 ..... c 54 N93-14713 *
US-PATENT-CLASS-244-163 ..... c 37 N76-19437 *
US-PATENT-CLASS-244-163 ..... c 24 N79-25142 *
US-PATENT-CLASS-244-163 ..... c 34 N79-31523 *
US-PATENT-CLASS-244-163 ..... c 05 N81-26114 *
US-PATENT-CLASS-244-163 ..... c 37 N82-16408 *
US-PATENT-CLASS-244-163 ..... c 27 N82-29456 *
US-PATENT-CLASS-244-163 ..... c 35 N85-29214 *
US-PATENT-CLASS-244-163 ..... c 31 N91-15424 *
US-PATENT-CLASS-244-163 ..... c 54 N91-31803 * #
US-PATENT-CLASS-244-163 ..... c 18 N92-21999 *
US-PATENT-CLASS-244-163 ..... c 37 N94-20127 *
US-PATENT-CLASS-244-163 ..... c 27 N94-35502 *
US-PATENT-CLASS-244-164 ..... c 35 N89-15379 *
US-PATENT-CLASS-244-164 ..... c 34 N91-25380 *
US-PATENT-CLASS-244-165 ..... c 15 N76-14158 *
US-PATENT-CLASS-244-165 ..... c 35 N77-20399 *
US-PATENT-CLASS-244-165 ..... c 35 N80-21719 *
US-PATENT-CLASS-244-165 ..... c 08 N88-23808 *
US-PATENT-CLASS-244-165 ..... c 35 N89-15379 *
US-PATENT-CLASS-244-165 ..... c 34 N91-25380 *
US-PATENT-CLASS-244-167 ..... c 15 N78-25119 *
US-PATENT-CLASS-244-168 ..... c 04 N82-23231 *
US-PATENT-CLASS-244-169 ..... c 15 N77-10113 *
US-PATENT-CLASS-244-169 ..... c 18 N83-28064 *
US-PATENT-CLASS-244-169 ..... c 20 N86-26368 *
US-PATENT-CLASS-244-16 ..... c 02 N70-41863 *
US-PATENT-CLASS-244-17.11 .... c 08 N93-25998 * #
US-PATENT-CLASS-244-17.13 .... c 02 N73-19004 *
US-PATENT-CLASS-244-17.13 .... c 08 N79-23097 *
US-PATENT-CLASS-244-17.19 .... c 08 N88-23809 *
US-PATENT-CLASS-244-17.19 .... c 08 N93-25998 * #
US-PATENT-CLASS-244-17.25 .... c 05 N81-19087 *
US-PATENT-CLASS-244-17.27 .... c 05 N87-14314 *
US-PATENT-CLASS-244-170 ..... c 35 N80-21719 *
US-PATENT-CLASS-244-170 ..... c 18 N83-28064 *
US-PATENT-CLASS-244-171 ..... c 15 N77-10113 *
US-PATENT-CLASS-244-171 ..... c 35 N77-20399 *
US-PATENT-CLASS-244-172 ..... c 18 N76-17185 *
US-PATENT-CLASS-244-172 ..... c 16 N84-27784 *
US-PATENT-CLASS-244-172 ..... c 18 N84-27787 *
US-PATENT-CLASS-244-172 ..... c 05 N86-19310 *
US-PATENT-CLASS-244-172 ..... c 16 N90-22584 *
US-PATENT-CLASS-244-172 ..... c 18 N92-33013 *
US-PATENT-CLASS-244-172 ..... c 16 N93-20115 *
US-PATENT-CLASS-244-173 ..... c 44 N75-32581 *
US-PATENT-CLASS-244-173 ..... c 37 N81-15364 *
US-PATENT-CLASS-244-173 ..... c 07 N83-20944 *
US-PATENT-CLASS-244-173 ..... c 37 N86-25789 *
US-PATENT-CLASS-244-175 ..... c 04 N82-23231 *
US-PATENT-CLASS-244-181 ..... c 08 N81-24106 *
US-PATENT-CLASS-244-181 ..... c 08 N81-26152 *
US-PATENT-CLASS-244-181 ..... c 06 N86-27280 *
US-PATENT-CLASS-244-182 ..... c 08 N81-26152 *
US-PATENT-CLASS-244-190 ..... c 04 N82-23231 *
US-PATENT-CLASS-244-194 ..... c 60 N82-29013 *
US-PATENT-CLASS-244-195 ..... c 08 N79-23097 *
US-PATENT-CLASS-244-195 ..... c 08 N81-24106 *
US-PATENT-CLASS-244-198 ..... c 05 N92-21587 *
US-PATENT-CLASS-244-198 ..... c 02 N94-10673 *
US-PATENT-CLASS-244-199 ..... c 07 N85-35194 *
US-PATENT-CLASS-244-199 ..... c 02 N88-14071 *
US-PATENT-CLASS-244-199 ..... c 05 N91-14345 *
US-PATENT-CLASS-244-199 ..... c 05 N91-31140 *
US-PATENT-CLASS-244-199 ..... c 02 N94-10673 *
US-PATENT-CLASS-244-1 ..... c 31 N69-27499 * #
US-PATENT-CLASS-244-1 ..... c 03 N70-33343 *
US-PATENT-CLASS-244-1 ..... c 33 N70-33344 *
US-PATENT-CLASS-244-1 ..... c 03 N70-34157 *
US-PATENT-CLASS-244-1 ..... c 31 N70-34176 *
US-PATENT-CLASS-244-1 ..... c 21 N70-34295 *
US-PATENT-CLASS-244-1 ..... c 31 N70-34296 *
US-PATENT-CLASS-244-1 ..... c 21 N70-35395 *
US-PATENT-CLASS-244-1 ..... c 31 N70-36410 *
US-PATENT-CLASS-244-1 ..... c 33 N70-36617 *
US-PATENT-CLASS-244-1 ..... c 21 N70-36943 *
US-PATENT-CLASS-244-1 ..... c 31 N70-37924 *
US-PATENT-CLASS-244-1 ..... c 31 N70-37938 *
US-PATENT-CLASS-244-1 ..... c 31 N70-37986 *
US-PATENT-CLASS-244-1 ..... c 31 N70-38676 *
US-PATENT-CLASS-244-1 ..... c 30 N70-40016 *
US-PATENT-CLASS-244-1 ..... c 31 N70-41373 *
US-PATENT-CLASS-244-1 ..... c 31 N70-41588 *
US-PATENT-CLASS-244-1 ..... c 31 N70-41631 *

US-PATENT-CLASS-244-1 ..... c 31 N70-41855 *
US-PATENT-CLASS-244-1 ..... c 21 N70-41856 *
US-PATENT-CLASS-244-1 ..... c 31 N70-42075 *
US-PATENT-CLASS-244-1 ..... c 03 N71-11058 *
US-PATENT-CLASS-244-1 ..... c 33 N71-14035 *
US-PATENT-CLASS-244-1 ..... c 21 N71-14132 *
US-PATENT-CLASS-244-1 ..... c 21 N71-14159 *
US-PATENT-CLASS-244-1 ..... c 21 N71-15583 *
US-PATENT-CLASS-244-1 ..... c 31 N71-15663 *
US-PATENT-CLASS-244-1 ..... c 31 N71-15674 *
US-PATENT-CLASS-244-1 ..... c 31 N71-15676 *
US-PATENT-CLASS-244-1 ..... c 02 N71-16087 *
US-PATENT-CLASS-244-1 ..... c 31 N71-16222 *
US-PATENT-CLASS-244-1 ..... c 31 N71-16345 *
US-PATENT-CLASS-244-1 ..... c 31 N71-16346 *
US-PATENT-CLASS-244-1 ..... c 31 N71-17679 *
US-PATENT-CLASS-244-1 ..... c 15 N71-17693 *
US-PATENT-CLASS-244-1 ..... c 31 N71-17729 *
US-PATENT-CLASS-244-1 ..... c 15 N71-19214 *
US-PATENT-CLASS-244-1 ..... c 03 N71-20273 *
US-PATENT-CLASS-244-1 ..... c 31 N71-20396 *
US-PATENT-CLASS-244-1 ..... c 31 N71-21064 *
US-PATENT-CLASS-244-1 ..... c 14 N71-21082 *
US-PATENT-CLASS-244-1 ..... c 21 N71-21708 *
US-PATENT-CLASS-244-1 ..... c 31 N71-21881 *
US-PATENT-CLASS-244-1 ..... c 33 N71-22792 *
US-PATENT-CLASS-244-1 ..... c 31 N71-22968 *
US-PATENT-CLASS-244-1 ..... c 31 N71-22969 *
US-PATENT-CLASS-244-1 ..... c 31 N71-23009 *
US-PATENT-CLASS-244-1 ..... c 14 N71-23040 *
US-PATENT-CLASS-244-1 ..... c 31 N71-23912 *
US-PATENT-CLASS-244-1 ..... c 31 N71-24315 *
US-PATENT-CLASS-244-1 ..... c 15 N71-24600 *
US-PATENT-CLASS-244-1 ..... c 05 N71-24728 *
US-PATENT-CLASS-244-1 ..... c 33 N71-25353 *
US-PATENT-CLASS-244-1 ..... c 31 N71-25434 *
US-PATENT-CLASS-244-1 ..... c 31 N71-26537 *
US-PATENT-CLASS-244-1 ..... c 15 N71-26611 *
US-PATENT-CLASS-244-1 ..... c 28 N71-27095 *
US-PATENT-CLASS-244-1 ..... c 21 N71-27324 *
US-PATENT-CLASS-244-1 ..... c 33 N71-28903 *
US-PATENT-CLASS-244-1 ..... c 15 N71-28936 *
US-PATENT-CLASS-244-1 ..... c 31 N71-29050 *
US-PATENT-CLASS-244-1 ..... c 31 N71-33160 *
US-PATENT-CLASS-244-200 ..... c 02 N87-16793 *
US-PATENT-CLASS-244-200 ..... c 02 N88-14071 *
US-PATENT-CLASS-244-200 ..... c 05 N92-21587 *
US-PATENT-CLASS-244-203 ..... c 34 N91-14562 *
US-PATENT-CLASS-244-204 ..... c 02 N87-16793 *
US-PATENT-CLASS-244-204 ..... c 34 N91-14562 *
US-PATENT-CLASS-244-204 ..... c 74 N93-22037 *
US-PATENT-CLASS-244-207 ..... c 05 N88-28914 *
US-PATENT-CLASS-244-208 ..... c 02 N94-10672 * #
US-PATENT-CLASS-244-209 ..... c 02 N94-10672 * #
US-PATENT-CLASS-244-212 ..... c 05 N84-22551 *
US-PATENT-CLASS-244-212 ..... c 05 N92-21587 *
US-PATENT-CLASS-244-213 ..... c 08 N82-24205 *
US-PATENT-CLASS-244-214 ..... c 08 N85-19985 *
US-PATENT-CLASS-244-215 ..... c 05 N84-22551 *
US-PATENT-CLASS-244-215 ..... c 05 N92-21587 *
US-PATENT-CLASS-244-216 ..... c 05 N84-22551 *
US-PATENT-CLASS-244-217 ..... c 37 N82-16408 *
US-PATENT-CLASS-244-218 ..... c 05 N78-32086 *
US-PATENT-CLASS-244-218 ..... c 08 N79-14108 *
US-PATENT-CLASS-244-219 ..... c 05 N84-22551 *
US-PATENT-CLASS-244-226 ..... c 08 N82-24205 *
US-PATENT-CLASS-244-23A ..... c 21 N72-25595 *
US-PATENT-CLASS-244-23C ..... c 05 N82-26277 *
US-PATENT-CLASS-244-23D ..... c 34 N76-18364 *
US-PATENT-CLASS-244-234 ..... c 08 N86-27288 *
US-PATENT-CLASS-244-23 ..... c 02 N71-11039 *
US-PATENT-CLASS-244-2 ..... c 14 N81-26161 *
US-PATENT-CLASS-244-2 ..... c 18 N84-27787 *
US-PATENT-CLASS-244-3.14 ..... c 31 N71-17691 *
US-PATENT-CLASS-244-3.16 ..... c 19 N74-15089 *
US-PATENT-CLASS-244-3.21 ..... c 30 N72-17873 *
US-PATENT-CLASS-244-3.21 ..... c 15 N76-14158 *
US-PATENT-CLASS-244-3.21 ..... c 15 N77-10113 *
US-PATENT-CLASS-244-3.21 ..... c 35 N77-20399 *
US-PATENT-CLASS-244-3.22 ..... c 31 N71-17629 *
US-PATENT-CLASS-244-3.22 ..... c 28 N72-22769 *
US-PATENT-CLASS-244-3.22 ..... c 20 N76-21275 *
US-PATENT-CLASS-244-31 ..... c 02 N71-11037 *
US-PATENT-CLASS-244-31 ..... c 31 N71-16081 *
US-PATENT-CLASS-244-31 ..... c 34 N74-23039 *
US-PATENT-CLASS-244-327 ..... c 08 N74-30421 *
US-PATENT-CLASS-244-32 ..... c 02 N73-13008 *
US-PATENT-CLASS-244-34A ..... c 05 N82-26277 *
US-PATENT-CLASS-244-35-R ..... c 02 N89-14224 *
US-PATENT-CLASS-244-35A ..... c 02 N84-11136 *
US-PATENT-CLASS-244-35R ..... c 02 N76-22154 *
US-PATENT-CLASS-244-35R ..... c 02 N84-11136 *
US-PATENT-CLASS-244-35R ..... c 02 N84-28732 *
US-PATENT-CLASS-244-35R ..... c 02 N87-16793 *
US-PATENT-CLASS-244-35R ..... c 02 N92-28729 *
US-PATENT-CLASS-244-35 ..... c 01 N71-13410 *
US-PATENT-CLASS-244-36 ..... c 02 N92-28729 *
US-PATENT-CLASS-244-40R ..... c 02 N76-22154 *
US-PATENT-CLASS-244-42CG .... c 33 N77-10429 *
US-PATENT-CLASS-244-42DA .... c 05 N75-25914 *
US-PATENT-CLASS-244-42 ..... c 02 N70-42016 *
US-PATENT-CLASS-244-42 ..... c 02 N71-26110 *
US-PATENT-CLASS-244-43 ..... c 02 N70-33255 *
US-PATENT-CLASS-244-43 ..... c 02 N71-11043 *
US-PATENT-CLASS-244-44 ..... c 02 N71-11038 *
US-PATENT-CLASS-244-45-A ..... c 05 N88-28914 *
US-PATENT-CLASS-244-45A ..... c 05 N78-32086 *
US-PATENT-CLASS-244-45A ..... c 05 N90-23390 *
US-PATENT-CLASS-244-45R ..... c 05 N84-12154 *
US-PATENT-CLASS-244-45 ..... c 02 N71-12243 *
US-PATENT-CLASS-244-46 ..... c 02 N70-33266 *
US-PATENT-CLASS-244-46 ..... c 02 N70-33286 *
US-PATENT-CLASS-244-46 ..... c 02 N70-34178 *
US-PATENT-CLASS-244-46 ..... c 02 N70-34858 *
US-PATENT-CLASS-244-46 ..... c 31 N70-38010 *
US-PATENT-CLASS-244-46 ..... c 02 N70-38011 *
US-PATENT-CLASS-244-46 ..... c 02 N71-11041 * #
US-PATENT-CLASS-244-46 ..... c 02 N73-26005 *
US-PATENT-CLASS-244-46 ..... c 05 N76-29217 *
US-PATENT-CLASS-244-46 ..... c 05 N78-32086 *
US-PATENT-CLASS-244-46 ..... c 08 N79-14108 *
US-PATENT-CLASS-244-46 ..... c 05 N90-23390 *
US-PATENT-CLASS-244-48 ..... c 05 N79-12061 *
US-PATENT-CLASS-244-48 ..... c 05 N82-28279 *
US-PATENT-CLASS-244-49 ..... c 43 N81-17499 *
US-PATENT-CLASS-244-4 ..... c 05 N69-21380 * #
US-PATENT-CLASS-244-4 ..... c 05 N71-12336 *
US-PATENT-CLASS-244-4 ..... c 28 N71-27585 *
US-PATENT-CLASS-244-50 ..... c 02 N70-34160 *
US-PATENT-CLASS-244-51 ..... c 02 N70-34856 *
US-PATENT-CLASS-244-52 ..... c 08 N81-19130 *
US-PATENT-CLASS-244-53A .... c 07 N78-18066 *
US-PATENT-CLASS-244-53B ..... c 02 N74-20645 *
US-PATENT-CLASS-244-53B ..... c 07 N75-24736 *
US-PATENT-CLASS-244-53B ..... c 07 N77-18154 *
US-PATENT-CLASS-244-53B ..... c 05 N79-24976 *
US-PATENT-CLASS-244-53B ..... c 85 N82-33288 *
US-PATENT-CLASS-244-53R ..... c 05 N84-12154 *
US-PATENT-CLASS-244-53 ..... c 28 N71-15563 *
US-PATENT-CLASS-244-54 ..... c 07 N78-18066 *
US-PATENT-CLASS-244-54 ..... c 07 N79-14096 *
US-PATENT-CLASS-244-54 ..... c 05 N90-20078 *
US-PATENT-CLASS-244-54 ..... c 16 N93-20115 *
US-PATENT-CLASS-244-55 ..... c 02 N73-26005 *
US-PATENT-CLASS-244-55 ..... c 05 N75-25914 *
US-PATENT-CLASS-244-55 ..... c 05 N84-12154 *
US-PATENT-CLASS-244-55 ..... c 07 N85-35194 *
US-PATENT-CLASS-244-55 ..... c 07 N87-16828 *
US-PATENT-CLASS-244-55 ..... c 05 N88-28914 *
US-PATENT-CLASS-244-55 ..... c 05 N90-20078 *
US-PATENT-CLASS-244-57 ..... c 15 N71-26611 *
US-PATENT-CLASS-244-58 ..... c 05 N91-14345 *
US-PATENT-CLASS-244-63 ..... c 09 N77-19076 *
US-PATENT-CLASS-244-63 ..... c 14 N81-26161 *
US-PATENT-CLASS-244-63 ..... c 16 N84-27784 *
US-PATENT-CLASS-244-63 ..... c 18 N84-27787 *
US-PATENT-CLASS-244-63 ..... c 14 N92-15081 *
US-PATENT-CLASS-244-75-R .... c 08 N85-35200 *
US-PATENT-CLASS-244-75-R .... c 05 N89-11738 *
US-PATENT-CLASS-244-75A ..... c 02 N73-26004 *
US-PATENT-CLASS-244-75R ..... c 05 N75-12930 *
US-PATENT-CLASS-244-75R ..... c 05 N85-21147 *
US-PATENT-CLASS-244-75R ..... c 05 N90-23390 *
US-PATENT-CLASS-244-75R ..... c 02 N91-27139 *
US-PATENT-CLASS-244-75R ..... c 05 N91-31140 *
US-PATENT-CLASS-244-75R ..... c 08 N93-25998 * #
US-PATENT-CLASS-244-75R ..... c 08 N94-20556 *
US-PATENT-CLASS-244-76-R .... c 08 N87-20999 *
US-PATENT-CLASS-244-76C ..... c 02 N73-26004 *
US-PATENT-CLASS-244-76 ..... c 21 N70-34539 *
US-PATENT-CLASS-244-76 ..... c 02 N71-13422 *
US-PATENT-CLASS-244-76 ..... c 02 N71-20570 *
US-PATENT-CLASS-244-77A ..... c 04 N74-13420 *
US-PATENT-CLASS-244-77B ..... c 04 N74-13420 *
US-PATENT-CLASS-244-77D ..... c 02 N73-19004 *
US-PATENT-CLASS-244-77F ..... c 02 N73-26004 *
US-PATENT-CLASS-244-77G ..... c 02 N73-26004 *
US-PATENT-CLASS-244-77 ..... c 32 N71-23971 *
US-PATENT-CLASS-244-78 ..... c 08 N82-24205 *
US-PATENT-CLASS-244-78 ..... c 05 N89-11738 *
US-PATENT-CLASS-244-79 ..... c 04 N76-26175 *
US-PATENT-CLASS-244-82 ..... c 05 N79-12061 *
US-PATENT-CLASS-244-83G ..... c 08 N79-23097 *
US-PATENT-CLASS-244-83R ..... c 05 N75-12930 *
US-PATENT-CLASS-244-83 ..... c 21 N70-33279 *
US-PATENT-CLASS-244-83 ..... c 15 N71-23255 *
US-PATENT-CLASS-244-83 ..... c 31 N71-33160 *
US-PATENT-CLASS-244-83 ..... c 08 N74-10942 *
US-PATENT-CLASS-244-87 ..... c 08 N81-19130 *
US-PATENT-CLASS-244-87 ..... c 05 N91-31140 *
US-PATENT-CLASS-244-87 ..... c 08 N94-20556 *
US-PATENT-CLASS-244-88 ..... c 05 N91-31140 *
US-PATENT-CLASS-244-90R ..... c 08 N74-30421 *
US-PATENT-CLASS-244-90R ..... c 05 N79-12061 *
US-PATENT-CLASS-244-90R ..... c 08 N79-14108 *
US-PATENT-CLASS-244-90R ..... c 08 N85-19985 *
US-PATENT-CLASS-244-90R ..... c 05 N90-23390 *
US-PATENT-CLASS-244-90 ..... c 02 N71-27088 *
US-PATENT-CLASS-244-91 ..... c 08 N74-30421 *
US-PATENT-CLASS-244-91 ..... c 05 N84-12154 *
US-PATENT-CLASS-244-91 ..... c 08 N88-23809 *
US-PATENT-CLASS-244-93 ..... c 05 N82-26277 *
US-PATENT-CLASS-244/161 ..... c 37 N87-22985 *
US-PATENT-CLASS-247-171 ..... c 35 N75-23910 *
US-PATENT-CLASS-248-DIG-1 ... c 18 N89-28554 *
US-PATENT-CLASS-248-119 ..... c 11 N70-35383 *
US-PATENT-CLASS-248-14 ..... c 15 N72-17454 *
US-PATENT-CLASS-248-16 ..... c 18 N74-27397 *
US-PATENT-CLASS-248-178 ..... c 15 N70-41310 *
US-PATENT-CLASS-248-178 ..... c 37 N78-27425 *
US-PATENT-CLASS-248-181 ..... c 37 N91-21543 *
US-PATENT-CLASS-248-183 ..... c 14 N71-26627 *
US-PATENT-CLASS-248-183 ..... c 15 N72-11386 *
US-PATENT-CLASS-248-186 ..... c 37 N78-27425 *
US-PATENT-CLASS-248-188.4 .... c 15 N72-27484 *
US-PATENT-CLASS-248-188.9 .... c 31 N70-34159 *
US-PATENT-CLASS-248-18 ..... c 14 N69-27486 * #
US-PATENT-CLASS-248-18 ..... c 15 N72-11391 *
US-PATENT-CLASS-248-205.3 .... c 37 N94-29428 *
US-PATENT-CLASS-248-20 ..... c 15 N72-11391 *
US-PATENT-CLASS-248-222.1 .... c 37 N92-29092 *
US-PATENT-CLASS-248-228 ..... c 37 N84-16560 *
US-PATENT-CLASS-248-229 ..... c 37 N91-14617 *
US-PATENT-CLASS-248-22 ..... c 19 N76-22284 *
US-PATENT-CLASS-248-230 ..... c 37 N91-14617 *
US-PATENT-CLASS-248-23 ..... c 18 N74-27397 *
US-PATENT-CLASS-248-251 ..... c 37 N92-29092 *
US-PATENT-CLASS-248-278 ..... c 15 N72-11386 *
US-PATENT-CLASS-248-27 ..... c 15 N71-20813 *
US-PATENT-CLASS-248-316.4 .... c 37 N87-21333 *
US-PATENT-CLASS-248-317 ..... c 11 N69-27466 * #
US-PATENT-CLASS-248-328 ..... c 14 N93-24598 *
US-PATENT-CLASS-248-346 ..... c 14 N70-39898 *
US-PATENT-CLASS-248-358R .... c 37 N75-18573 *
US-PATENT-CLASS-248-358R .... c 19 N76-22284 *
US-PATENT-CLASS-248-358 ..... c 15 N70-40156 *
US-PATENT-CLASS-248-358 ..... c 23 N71-15673 *
US-PATENT-CLASS-248-358 ..... c 15 N71-24694 *
US-PATENT-CLASS-248-36-3 ..... c 37 N78-17383 *
US-PATENT-CLASS-248-360 ..... c 15 N71-17649 *
US-PATENT-CLASS-248-361 ..... c 05 N71-28619 *
US-PATENT-CLASS-248-362 ..... c 37 N76-21554 *
US-PATENT-CLASS-248-363 ..... c 37 N76-21554 *
US-PATENT-CLASS-248-425 ..... c 37 N82-21587 *
US-PATENT-CLASS-248-453 ..... c 37 N92-33616 *
US-PATENT-CLASS-248-455 ..... c 37 N92-33616 *
US-PATENT-CLASS-248-463 ..... c 37 N92-33616 *
US-PATENT-CLASS-248-487 ..... c 15 N72-11386 *
US-PATENT-CLASS-248-503 ..... c 18 N85-29991 *
US-PATENT-CLASS-248-548 ..... c 37 N88-23982 *
US-PATENT-CLASS-248-550 ..... c 37 N85-34401 *
US-PATENT-CLASS-248-550 ..... c 37 N87-21333 *
US-PATENT-CLASS-248-550 ..... c 37 N92-34173 *
US-PATENT-CLASS-248-550 ..... c 39 N93-13420 *
US-PATENT-CLASS-248-555 ..... c 18 N85-29991 *
US-PATENT-CLASS-248-593 ..... c 37 N91-21541 *
US-PATENT-CLASS-248-604 ..... c 37 N91-21541 *
US-PATENT-CLASS-248-608 ..... c 37 N88-23982 *
US-PATENT-CLASS-248-636 ..... c 35 N83-32026 *
US-PATENT-CLASS-248-638 ..... c 35 N83-32026 *
US-PATENT-CLASS-248-638 ..... c 05 N87-14314 *
US-PATENT-CLASS-248-650 ..... c 37 N91-21543 *
US-PATENT-CLASS-248-65 ..... c 33 N92-29153 *
US-PATENT-CLASS-248-677 ..... c 37 N91-21543 *
US-PATENT-CLASS-248-68.1 ..... c 33 N92-29153 *
US-PATENT-CLASS-248 ..... c 25 N79-28253 *
US-PATENT-CLASS-249-127 ..... c 31 N90-21216 *
US-PATENT-CLASS-249-144 ..... c 31 N75-13111 *
US-PATENT-CLASS-249-145 ..... c 31 N74-32920 *
US-PATENT-CLASS-249-145 ..... c 31 N75-13111 *
US-PATENT-CLASS-249-184 ..... c 31 N74-32920 *
US-PATENT-CLASS-249-59 ..... c 31 N75-13111 *
US-PATENT-CLASS-249-83 ..... c 31 N74-32920 *
US-PATENT-CLASS-249-95 ..... c 31 N74-32920 *
US-PATENT-CLASS-25-156 ..... c 15 N71-16076 *
US-PATENT-CLASS-250-105 ..... c 14 N70-40240 *
US-PATENT-CLASS-250-105 ..... c 14 N73-30389 *
US-PATENT-CLASS-250-199 ..... c 16 N69-27491 * #
US-PATENT-CLASS-250-199 ..... c 07 N71-12389 *
US-PATENT-CLASS-250-199 ..... c 16 N71-22895 *
US-PATENT-CLASS-250-199 ..... c 16 N71-25914 *
US-PATENT-CLASS-250-199 ..... c 16 N71-27183 *
US-PATENT-CLASS-250-199 ..... c 16 N73-16536 *
US-PATENT-CLASS-250-199 ..... c 07 N73-26119 *
US-PATENT-CLASS-250-199 ..... c 74 N76-18913 *
US-PATENT-CLASS-250-199 ..... c 74 N76-30053 *
US-PATENT-CLASS-250-199 ..... c 74 N77-26942 *
US-PATENT-CLASS-250-199 ..... c 32 N77-28346 *

US-PATENT-CLASS-250-199 ..... c 60 N77-32731 *
US-PATENT-CLASS-250-199 ..... c 74 N78-14889 *
US-PATENT-CLASS-250-201.1 .... c 74 N94-20305 *
US-PATENT-CLASS-250-201.9 .... c 74 N92-29122 *
US-PATENT-CLASS-250-201.9 .... c 74 N94-20305 *
US-PATENT-CLASS-250-201 ..... c 14 N70-40238 *
US-PATENT-CLASS-250-201 ..... c 35 N75-15014 *
US-PATENT-CLASS-250-201 ..... c 74 N78-17866 *
US-PATENT-CLASS-250-203R .... c 14 N72-27409 *
US-PATENT-CLASS-250-203R .... c 14 N73-25462 *
US-PATENT-CLASS-250-203R .... c 14 N73-28490 *
US-PATENT-CLASS-250-203R .... c 21 N73-30640 *
US-PATENT-CLASS-250-203R .... c 19 N74-15089 *
US-PATENT-CLASS-250-203R .... c 89 N74-30886 *
US-PATENT-CLASS-250-203R .... c 35 N77-20401 *
US-PATENT-CLASS-250-203R .... c 74 N77-22951 *
US-PATENT-CLASS-250-203R .... c 44 N81-24520 *
US-PATENT-CLASS-250-203R .... c 32 N83-18975 *
US-PATENT-CLASS-250-203R .... c 47 N83-32232 *
US-PATENT-CLASS-250-203R .... c 44 N88-14492 *
US-PATENT-CLASS-250-203X ..... c 16 *N72-13437* *
US-PATENT-CLASS-250-203 ..... c 14 N69-27432 * #
US-PATENT-CLASS-250-203 ..... c 14 N69-27485 * #
US-PATENT-CLASS-250-203 ..... c 07 N69-39736 * #
US-PATENT-CLASS-250-203 ..... c 14 N70-34158 *
US-PATENT-CLASS-250-203 ..... c 21 N70-35089 *
US-PATENT-CLASS-250-203 ..... c 14 N70-40239 *
US-PATENT-CLASS-250-203 ..... c 21 N71-10678 *
US-PATENT-CLASS-250-203 ..... c 21 N71-10771 *
US-PATENT-CLASS-250-203 ..... c 21 N71-15642 *
US-PATENT-CLASS-250-203 ..... c 14 N71-19568 *
US-PATENT-CLASS-250-203 ..... c 14 N71-23269 *
US-PATENT-CLASS-250-203 ..... c 14 N71-23797 *
US-PATENT-CLASS-250-203 ..... c 14 N72-22444 *
US-PATENT-CLASS-250-203 ..... c 14 N73-30393 *
US-PATENT-CLASS-250-203 ..... c 35 N75-23910 *
US-PATENT-CLASS-250-204 ..... c 36 N74-21091 *
US-PATENT-CLASS-250-205 ..... c 14 N72-27411 *
US-PATENT-CLASS-250-205 ..... c 09 N73-14214 *
US-PATENT-CLASS-250-205 ..... c 36 N74-13205 *
US-PATENT-CLASS-250-206 ..... c 10 N71-20782 *
US-PATENT-CLASS-250-207 ..... c 14 N72-17328 *
US-PATENT-CLASS-250-207 ..... c 14 N73-32317 *
US-PATENT-CLASS-250-207 ..... c 33 N74-27682 *
US-PATENT-CLASS-250-208 ..... c 14 N72-20379 *
US-PATENT-CLASS-250-209 ..... c 07 N69-39980 * #
US-PATENT-CLASS-250-209 ..... c 20 N71-16340 *
US-PATENT-CLASS-250-209 ..... c 10 N72-17173 *
US-PATENT-CLASS-250-209 ..... c 14 N72-25409 *
US-PATENT-CLASS-250-209 ..... c 14 N73-16483 *
US-PATENT-CLASS-250-209 ..... c 14 N73-26432 *
US-PATENT-CLASS-250-209 ..... c 14 N73-28490 *
US-PATENT-CLASS-250-209 ..... c 21 N73-30640 *
US-PATENT-CLASS-250-209 ..... c 44 N81-24520 *
US-PATENT-CLASS-250-211J ..... c 09 N72-17152 *
US-PATENT-CLASS-250-211J ..... c 09 N73-14214 *
US-PATENT-CLASS-250-211J ..... c 35 N74-15090 *
US-PATENT-CLASS-250-211K .... c 74 N77-22951 *
US-PATENT-CLASS-250-211K .... c 44 N80-18552 *
US-PATENT-CLASS-250-211K .... c 08 N86-27288 *
US-PATENT-CLASS-250-211R .... c 36 N75-19652 *
US-PATENT-CLASS-250-211R .... c 35 *N75-23910* *
US-PATENT-CLASS-250-212 ..... c 03 N71-23354 *
US-PATENT-CLASS-250-212 ..... c 03 N73-20040 *
US-PATENT-CLASS-250-212 ..... c 09 N73-32109 *
US-PATENT-CLASS-250-213VT .. c 74 N78-18905 *
US-PATENT-CLASS-250-214AL .. c 74 N79-12890 *
US-PATENT-CLASS-250-214A .... c 33 N77-14335 *
US-PATENT-CLASS-250-214LS .. c 63 N93-24599 *
US-PATENT-CLASS-250-214R .... c 14 *N73-28490* *
US-PATENT-CLASS-250-214R .... c 74 *N79-12890* *
US-PATENT-CLASS-250-214 ..... c 14 N73-25462 *
US-PATENT-CLASS-250-214 ..... c 14 N73-25462 *
US-PATENT-CLASS-250-214 ..... c 35 N74-15090 *
US-PATENT-CLASS-250-214 ..... c 33 N82-28545 *
US-PATENT-CLASS-250-215 ..... c 14 N73-16483 *
US-PATENT-CLASS-250-216 ..... c 74 N79-34011 *
US-PATENT-CLASS-250-216 ..... c 74 N82-24072 *
US-PATENT-CLASS-250-216 ..... c 74 N89-14077 *
US-PATENT-CLASS-250-216 ..... c 74 N92-33028 *
US-PATENT-CLASS-250-217F .... c 14 N73-16484 *
US-PATENT-CLASS-250-217R .... c 14 N73-19419 *
US-PATENT-CLASS-250-217SS .. c 09 N73-14214 *
US-PATENT-CLASS-250-217SS .. c 36 N74-15145 *
US-PATENT-CLASS-250-217 ..... c 14 N69-39896 * #
US-PATENT-CLASS-250-217 ..... c 14 N73-16483 *
US-PATENT-CLASS-250-217 ..... c 36 N74-13205 *
US-PATENT-CLASS-250-218 ..... c 14 N71-22996 *
US-PATENT-CLASS-250-218 ..... c 14 N71-28994 *
US-PATENT-CLASS-250-218 ..... c 74 N78-33913 *
US-PATENT-CLASS-250-219DF .. c 91 N74-13130 *
US-PATENT-CLASS-250-219TH .. c 26 N73-26751 *
US-PATENT-CLASS-250-219 ..... c 14 N71-28993 *
US-PATENT-CLASS-250-221 ..... c 33 N82-28545 *
US-PATENT-CLASS-250-221 ..... c 74 N85-22139 *
US-PATENT-CLASS-250-225 ..... c 14 N71-24864 *
US-PATENT-CLASS-250-225 ..... c 14 N72-27409 *
US-PATENT-CLASS-250-225 ..... c 32 N86-20647 *
US-PATENT-CLASS-250-226 ..... c 14 N72-25409 *
US-PATENT-CLASS-250-226 ..... c 43 N79-17288 *
US-PATENT-CLASS-250-226 ..... c 74 N82-30071 *
US-PATENT-CLASS-250-227.14 .. c 74 N94-20378 *
US-PATENT-CLASS-250-227.21 .. c 74 N92-33017 *
US-PATENT-CLASS-250-227.21 .. c 71 N93-24602 *
US-PATENT-CLASS-250-227.2 .... c 74 N94-20345 *
US-PATENT-CLASS-250-227 ..... c 14 N71-22991 *
US-PATENT-CLASS-250-227 ..... c 14 N71-23240 *
US-PATENT-CLASS-250-227 ..... c 60 N77-14751 *
US-PATENT-CLASS-250-227 ..... c 74 N78-33913 *
US-PATENT-CLASS-250-227 ..... c 74 N83-19597 *
US-PATENT-CLASS-250-227 ..... c 74 N84-11921 *
US-PATENT-CLASS-250-227 ..... c 74 N91-21871 *
US-PATENT-CLASS-250-228 ..... c 74 N86-26190 *
US-PATENT-CLASS-250-229 ..... c 08 N73-30135 *
US-PATENT-CLASS-250-229 ..... c 74 N90-22383 *
US-PATENT-CLASS-250-231.14 .. c 74 N92-29133 *
US-PATENT-CLASS-250-231.18 .. c 74 N94-20240 *
US-PATENT-CLASS-250-231.19 .. c 74 N92-33017 *
US-PATENT-CLASS-250-231.19 .. c 71 N93-24602 *
US-PATENT-CLASS-250-231-GY .. c 74 N87-23259 *
US-PATENT-CLASS-250-231R .... c 74 N82-30071 *
US-PATENT-CLASS-250-231SE .. c 74 N74-21304 *
US-PATENT-CLASS-250-231SE .. c 44 N80-18552 *
US-PATENT-CLASS-250-231 ..... c 14 N73-20475 *
US-PATENT-CLASS-250-232 ..... c 23 N71-21821 *
US-PATENT-CLASS-250-233 ..... c 23 N71-16100 *
US-PATENT-CLASS-250-234 ..... c 03 N73-20040 *
US-PATENT-CLASS-250-235 ..... c 14 N72-11364 *
US-PATENT-CLASS-250-235 ..... c 43 N82-13465 *
US-PATENT-CLASS-250-235 ..... c 74 N82-24072 *
US-PATENT-CLASS-250-236 ..... c 21 N73-30640 *
US-PATENT-CLASS-250-236 ..... c 43 N82-13465 *
US-PATENT-CLASS-250-237G .... c 74 N79-20856 *
US-PATENT-CLASS-250-237G .... c 74 N94-20240 *
US-PATENT-CLASS-250-237R .... c 08 N73-30135 *
US-PATENT-CLASS-250-237R .... c 19 N74-15089 *
US-PATENT-CLASS-250-237 ..... c 14 N69-24331 * #
US-PATENT-CLASS-250-238 ..... c 33 N75-31332 *
US-PATENT-CLASS-250-238 ..... c 32 N77-28346 *
US-PATENT-CLASS-250-238 ..... c 37 N87-23982 *
US-PATENT-CLASS-250-239 ..... c 08 N73-30135 *
US-PATENT-CLASS-250-239 ..... c 74 N78-33913 *
US-PATENT-CLASS-250-251 ..... c 35 N76-15431 *
US-PATENT-CLASS-250-251 ..... c 35 N84-33767 *
US-PATENT-CLASS-250-251 ..... c 72 N87-21661 *
US-PATENT-CLASS-250-251 ..... c 72 N88-24253 *
US-PATENT-CLASS-250-251 ..... c 29 N93-24600 *
US-PATENT-CLASS-250-251 ..... c 75 N94-20491 *
US-PATENT-CLASS-250-251 ..... c 72 N94-23825 *
US-PATENT-CLASS-250-252.1 .... c 35 N84-33767 *
US-PATENT-CLASS-250-252 ..... c 72 N89-29169 *
US-PATENT-CLASS-250-253 ..... c 43 N79-31706 *
US-PATENT-CLASS-250-272 ..... c 74 N78-15880 *
US-PATENT-CLASS-250-272 ..... c 43 N79-31706 *
US-PATENT-CLASS-250-277CH .. c 76 N78-24950 *
US-PATENT-CLASS-250-277CH .. c 74 N80-21140 *
US-PATENT-CLASS-250-280 ..... c 76 N78-24950 *
US-PATENT-CLASS-250-280 ..... c 74 N80-21140 *
US-PATENT-CLASS-250-281 ..... c 35 N74-34857 *
US-PATENT-CLASS-250-281 ..... c 35 N76-16393 *
US-PATENT-CLASS-250-281 ..... c 36 N77-26477 *
US-PATENT-CLASS-250-281 ..... c 72 N80-14877 *
US-PATENT-CLASS-250-281 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-282 ..... c 36 N77-26477 *
US-PATENT-CLASS-250-282 ..... c 72 N80-14877 *
US-PATENT-CLASS-250-282 ..... c 35 *N83-27184* *
US-PATENT-CLASS-250-282 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-283 ..... c 36 N77-26477 *
US-PATENT-CLASS-250-286 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-287 ..... c 35 N76-15431 *
US-PATENT-CLASS-250-287 ..... c 35 N76-16393 *
US-PATENT-CLASS-250-287 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-288 ..... c 35 N76-16393 *
US-PATENT-CLASS-250-288 ..... c 35 N77-32456 *
US-PATENT-CLASS-250-288 ..... c 35 N83-27184 *
US-PATENT-CLASS-250-288 ..... c 72 N87-21660 *
US-PATENT-CLASS-250-288 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-289 ..... c 35 N77-14406 *
US-PATENT-CLASS-250-290 ..... c 35 N77-10492 *
US-PATENT-CLASS-250-291 ..... c 35 N77-10492 *
US-PATENT-CLASS-250-295 ..... c 35 N74-34857 *
US-PATENT-CLASS-250-296 ..... c 35 N84-28016 *
US-PATENT-CLASS-250-298 ..... c 35 N77-14406 *
US-PATENT-CLASS-250-304 ..... c 25 N74-26947 *
US-PATENT-CLASS-250-305 ..... c 72 N84-28575 *
US-PATENT-CLASS-250-305 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-306 ..... c 72 N91-27936 *
US-PATENT-CLASS-250-307 ..... c 25 N80-20334 *
US-PATENT-CLASS-250-307 ..... c 72 N91-27936 *
US-PATENT-CLASS-250-308 ..... c 25 N80-20334 *
US-PATENT-CLASS-250-310 ..... c 35 N78-10429 *
US-PATENT-CLASS-250-310 ..... c 33 N80-14332 *
US-PATENT-CLASS-250-310 ..... c 35 N90-20351 *
US-PATENT-CLASS-250-311 ..... c 33 N83-18996 *
US-PATENT-CLASS-250-320 ..... c 74 N78-15880 *
US-PATENT-CLASS-250-322 ..... c 35 N78-15461 *
US-PATENT-CLASS-250-327.2 .... c 74 N91-14835 *
US-PATENT-CLASS-250-330 ..... c 44 N82-32841 *
US-PATENT-CLASS-250-330 ..... c 74 N93-22037 *
US-PATENT-CLASS-250-332 ..... c 35 N75-19613 *
US-PATENT-CLASS-250-332 ..... c 31 N78-25256 *
US-PATENT-CLASS-250-332 ..... c 35 N82-31659 *
US-PATENT-CLASS-250-332 ..... c 74 N83-19597 *
US-PATENT-CLASS-250-332 ..... c 74 N84-28590 *
US-PATENT-CLASS-250-335 ..... c 34 N76-18374 *
US-PATENT-CLASS-250-336.1 .... c 72 N86-33127 *
US-PATENT-CLASS-250-336 ..... c 14 N73-28488 *
US-PATENT-CLASS-250-336 ..... c 35 N76-15433 *
US-PATENT-CLASS-250-336 ..... c 33 N76-27473 *
US-PATENT-CLASS-250-336 ..... c 35 N78-13400 *
US-PATENT-CLASS-250-338.1 .... c 35 N91-14588 *
US-PATENT-CLASS-250-338.1 .... c 35 N94-35114 *
US-PATENT-CLASS-250-338.1 .... c 35 *N94-35383* *
US-PATENT-CLASS-250-338.2 .... c 35 N91-14588 *
US-PATENT-CLASS-250-338.5 .... c 74 N93-22037 *
US-PATENT-CLASS-250-338 ..... c 35 N74-18088 *
US-PATENT-CLASS-250-338 ..... c 35 N77-10493 *
US-PATENT-CLASS-250-338 ..... c 47 N77-10753 *
US-PATENT-CLASS-250-338 ..... c 35 N80-26635 *
US-PATENT-CLASS-250-338 ..... c 35 N83-21311 *
US-PATENT-CLASS-250-338 ..... c 74 N84-28590 *
US-PATENT-CLASS-250-338 ..... c 72 N86-33127 *
US-PATENT-CLASS-250-338 ..... c 76 N87-13313 *
US-PATENT-CLASS-250-339 ..... c 35 N77-10493 *
US-PATENT-CLASS-250-339 ..... c 47 N77-10753 *
US-PATENT-CLASS-250-339 ..... c 35 N84-33766 *
US-PATENT-CLASS-250-339 ..... c 36 N85-21631 *
US-PATENT-CLASS-250-339 ..... c 36 N85-29264 *
US-PATENT-CLASS-250-339 ..... c 36 N87-28006 *
US-PATENT-CLASS-250-339 ..... c 74 N93-13419 *
US-PATENT-CLASS-250-339 ..... c 74 N93-29086 *
US-PATENT-CLASS-250-340 ..... c 35 N76-29551 *
US-PATENT-CLASS-250-340 ..... c 74 N83-19597 *
US-PATENT-CLASS-250-340 ..... c 72 N86-33127 *
US-PATENT-CLASS-250-340 ..... c 74 N93-22037 *
US-PATENT-CLASS-250-340 ..... c 35 N94-35114 *
US-PATENT-CLASS-250-341 ..... c 32 N87-21206 *
US-PATENT-CLASS-250-343 ..... c 35 N74-11284 *
US-PATENT-CLASS-250-343 ..... c 25 N74-26947 *
US-PATENT-CLASS-250-343 ..... c 45 N75-27585 *
US-PATENT-CLASS-250-343 ..... c 74 N76-20958 *
US-PATENT-CLASS-250-343 ..... c 25 N76-22323 *
US-PATENT-CLASS-250-343 ..... c 35 N77-14411 *
US-PATENT-CLASS-250-343 ..... c 35 N78-13400 *
US-PATENT-CLASS-250-343 ..... c 25 N81-14015 *
US-PATENT-CLASS-250-343 ..... c 35 N84-34705 *
US-PATENT-CLASS-250-343 ..... c 36 N85-21631 *
US-PATENT-CLASS-250-343 ..... c 36 N87-28006 *
US-PATENT-CLASS-250-344 ..... c 25 N76-22323 *
US-PATENT-CLASS-250-344 ..... c 74 N78-17867 *
US-PATENT-CLASS-250-345 ..... c 45 N75-27585 *
US-PATENT-CLASS-250-347 ..... c 35 N77-10493 *
US-PATENT-CLASS-250-347 ..... c 47 N77-10753 *
US-PATENT-CLASS-250-347 ..... c 74 N80-33210 *
US-PATENT-CLASS-250-350 ..... c 25 N81-25159 *
US-PATENT-CLASS-250-350 ..... c 74 N83-19597 *
US-PATENT-CLASS-250-351 ..... c 35 N75-30502 *
US-PATENT-CLASS-250-351 ..... c 35 N78-13400 *
US-PATENT-CLASS-250-351 ..... c 74 N83-19597 *
US-PATENT-CLASS-250-351 ..... c 35 N84-34705 *
US-PATENT-CLASS-250-352 ..... c 31 N79-17029 *
US-PATENT-CLASS-250-352 ..... c 34 N79-20336 *
US-PATENT-CLASS-250-352 ..... c 35 N80-26635 *
US-PATENT-CLASS-250-352 ..... c 74 N80-33210 *
US-PATENT-CLASS-250-352 ..... c 37 N87-23982 *
US-PATENT-CLASS-250-353 ..... c 35 N76-29551 *
US-PATENT-CLASS-250-353 ..... c 35 N80-26635 *
US-PATENT-CLASS-250-353 ..... c 74 N80-33210 *
US-PATENT-CLASS-250-356.1 .... c 47 N84-28292 *
US-PATENT-CLASS-250-356.1 .... c 35 N91-31608 *
US-PATENT-CLASS-250-358.1 .... c 72 N91-27936 *
US-PATENT-CLASS-250-359 ..... c 37 N75-26372 *
US-PATENT-CLASS-250-360 ..... c 35 N74-15091 *
US-PATENT-CLASS-250-361 ..... c 35 N74-15091 *
US-PATENT-CLASS-250-363R .... c 52 N77-14737 *
US-PATENT-CLASS-250-363R .... c 74 N79-20857 *
US-PATENT-CLASS-250-363R .... c 74 N84-11920 *
US-PATENT-CLASS-250-363S .... c 74 N84-11920 *
US-PATENT-CLASS-250-363S .... c 35 N85-30281 *
US-PATENT-CLASS-250-367 ..... c 35 N84-33765 *
US-PATENT-CLASS-250-368 ..... c 74 N81-24900 *
US-PATENT-CLASS-250-368 ..... c 74 N84-11920 *
US-PATENT-CLASS-250-369 ..... c 35 N74-15091 *
US-PATENT-CLASS-250-369 ..... c 35 N82-32659 *
US-PATENT-CLASS-250-369 ..... c 35 N85-30281 *
US-PATENT-CLASS-250-370.12 .. c 35 N91-14588 *
US-PATENT-CLASS-250-370.13 .. c 35 N91-14588 *
US-PATENT-CLASS-250-370 ..... c 35 N74-18088 *

US-PATENT-CLASS-250-370 ..... c 33 N75-31332 *
US-PATENT-CLASS-250-370 ..... c 35 N82-31659 *
US-PATENT-CLASS-250-370 ..... c 44 N82-32841 *
US-PATENT-CLASS-250-370 ..... c 76 N87-13313 *
US-PATENT-CLASS-250-371 ..... c 35 N74-18088 *
US-PATENT-CLASS-250-372 ..... c 19 N74-29410 *
US-PATENT-CLASS-250-372 ..... c 24 N76-24363 *
US-PATENT-CLASS-250-372 ..... c 33 N76-27473 *
US-PATENT-CLASS-250-372 ..... c 35 N83-21311 *
US-PATENT-CLASS-250-372 ..... c 35 N84-33767 *
US-PATENT-CLASS-250-373 ..... c 25 N74-26947 *
US-PATENT-CLASS-250-373 ..... c 35 N75-30502 *
US-PATENT-CLASS-250-373 ..... c 45 N76-17656 *
US-PATENT-CLASS-250-373 ..... c 36 N87-28006 *
US-PATENT-CLASS-250-374 ..... c 35 N74-26949 *
US-PATENT-CLASS-250-374 ..... c 35 N85-34374 *
US-PATENT-CLASS-250-379 ..... c 35 N85-34374 *
US-PATENT-CLASS-250-385 ..... c 35 N74-26949 *
US-PATENT-CLASS-250-385 ..... c 35 N75-27331 *
US-PATENT-CLASS-250-385 ..... c 35 N76-15433 *
US-PATENT-CLASS-250-385 ..... c 35 N76-16393 *
US-PATENT-CLASS-250-385 ..... c 35 N82-24471 *
US-PATENT-CLASS-250-385 ..... c 35 N84-33765 *
US-PATENT-CLASS-250-386 ..... c 35 N82-24471 *
US-PATENT-CLASS-250-388 ..... c 33 N83-24763 *
US-PATENT-CLASS-250-389 ..... c 35 N82-24471 *
US-PATENT-CLASS-250-394 ..... c 14 N73-30392 *
US-PATENT-CLASS-250-394 ..... c 19 N74-29410 *
US-PATENT-CLASS-250-396-ML c 35 N90-20351 *
US-PATENT-CLASS-250-396-R ... c 72 N87-21661 *
US-PATENT-CLASS-250-396-R ... c 35 N90-20351 *
US-PATENT-CLASS-250-396 ..... c 35 N77-14408 *
US-PATENT-CLASS-250-397 ..... c 72 N89-29169 *
US-PATENT-CLASS-250-398 ..... c 35 N78-10429 *
US-PATENT-CLASS-250-400 ..... c 25 N76-29379 *
US-PATENT-CLASS-250-400 ..... c 25 N78-27226 *
US-PATENT-CLASS-250-41.9D ... c 14 N72-29464 *
US-PATENT-CLASS-250-41.9G ... c 14 N73-12444 *
US-PATENT-CLASS-250-41.9S ... c 14 N73-12444 *
US-PATENT-CLASS-250-41.95 .... c 14 N71-28992 *
US-PATENT-CLASS-250-41.9 ..... c 06 N71-13461 *
US-PATENT-CLASS-250-41.9 ..... c 24 N71-16095 *
US-PATENT-CLASS-250-41.9 ..... c 14 N71-23041 *
US-PATENT-CLASS-250-41.9 ..... c 14 N71-28863 *
US-PATENT-CLASS-250-41.9 ..... c 14 N72-17328 *
US-PATENT-CLASS-250-41.9 ..... c 14 N73-32325 *
US-PATENT-CLASS-250-416TV .. c 35 N78-15461 *
US-PATENT-CLASS-250-423-P ... c 72 N87-21661 *
US-PATENT-CLASS-250-423-P ... c 25 N88-24732 *
US-PATENT-CLASS-250-423-R ... c 33 N87-21234 *
US-PATENT-CLASS-250-423-R ... c 72 N87-21660 *
US-PATENT-CLASS-250-423-R ... c 72 N88-24253 *
US-PATENT-CLASS-250-423P ..... c 36 N77-26477 *
US-PATENT-CLASS-250-423P ..... c 25 N78-25148 *
US-PATENT-CLASS-250-423P ..... c 72 N80-14877 *
US-PATENT-CLASS-250-423P ..... c 75 N94-20491 *
US-PATENT-CLASS-250-423R .... c 75 N94-20491 *
US-PATENT-CLASS-250-423 ..... c 35 N76-15431 *
US-PATENT-CLASS-250-423 ..... c 35 N76-16393 *
US-PATENT-CLASS-250-423 ..... c 35 N83-27184 *
US-PATENT-CLASS-250-423 ..... c 35 N91-14587 *
US-PATENT-CLASS-250-424 ..... c 72 N87-21660 *
US-PATENT-CLASS-250-426 ..... c 33 N85-21491 *
US-PATENT-CLASS-250-427 ..... c 72 N80-27163 *
US-PATENT-CLASS-250-427 ..... c 72 N87-21660 *
US-PATENT-CLASS-250-427 ..... c 72 N88-24253 *
US-PATENT-CLASS-250-427 ..... c 25 N88-24732 *
US-PATENT-CLASS-250-429 ..... c 25 N76-29379 *
US-PATENT-CLASS-250-429 ..... c 25 N78-27226 *
US-PATENT-CLASS-250-43.5FC . c 14 N72-11365 *
US-PATENT-CLASS-250-43.5R ... c 14 N71-27090 *
US-PATENT-CLASS-250-43.5R ... c 14 N72-21408 *
US-PATENT-CLASS-250-43.5R ... c 06 N72-25146 *
US-PATENT-CLASS-250-43.5R ... c 06 N72-31141 *
US-PATENT-CLASS-250-43.5 ..... c 27 N71-16348 *
US-PATENT-CLASS-250-43.5 ..... c 15 N71-24896 *
US-PATENT-CLASS-250-43.5 ..... c 14 N71-25901 *
US-PATENT-CLASS-250-432R .... c 25 N76-22323 *
US-PATENT-CLASS-250-432 ..... c 45 N75-27585 *
US-PATENT-CLASS-250-444 ..... c 52 N77-14737 *
US-PATENT-CLASS-250-457 ..... c 35 N80-28686 *
US-PATENT-CLASS-250-459.1 .... c 35 N90-22770 *
US-PATENT-CLASS-250-460 ..... c 37 N75-26372 *
US-PATENT-CLASS-250-461.1 .... c 35 N90-22770 *
US-PATENT-CLASS-250-474.1 .... c 35 N83-21311 *
US-PATENT-CLASS-250-475 ..... c 35 N79-10389 *
US-PATENT-CLASS-250-483.1 .... c 35 N84-33765 *
US-PATENT-CLASS-250-483 ..... c 74 N79-20857 *
US-PATENT-CLASS-250-483 ..... c 74 N81-24900 *
US-PATENT-CLASS-250-484.1 .... c 74 N91-14835 *
US-PATENT-CLASS-250-489 ..... c 35 N76-15433 *
US-PATENT-CLASS-250-49.5B ... c 24 N72-11595 *
US-PATENT-CLASS-250-49.5TE . c 24 N72-11595 *
US-PATENT-CLASS-250-49.5 ..... c 14 N69-39982 * #
US-PATENT-CLASS-250-49.5 ..... c 14 N71-28863 *
US-PATENT-CLASS-250-49.5 ..... c 14 N72-17328 *
US-PATENT-CLASS-250-491 ..... c 35 N80-28686 *
US-PATENT-CLASS-250-492A .... c 33 N80-14332 *
US-PATENT-CLASS-250-492B .... c 25 N78-27226 *
US-PATENT-CLASS-250-492R .... c 25 N76-29379 *
US-PATENT-CLASS-250-492R .... c 28 N78-24365 *
US-PATENT-CLASS-250-492 ..... c 35 N74-15091 *
US-PATENT-CLASS-250-492 ..... c 37 N75-26372 *
US-PATENT-CLASS-250-493.1 .... c 35 N91-14588 *
US-PATENT-CLASS-250-493 ..... c 73 N75-30876 *
US-PATENT-CLASS-250-495 ..... c 74 N75-12732 *
US-PATENT-CLASS-250-496 ..... c 73 N75-30876 *
US-PATENT-CLASS-250-498 ..... c 52 N77-14737 *
US-PATENT-CLASS-250-499 ..... c 73 N74-26767 *
US-PATENT-CLASS-250-499 ..... c 72 N76-15860 *
US-PATENT-CLASS-250-499 ..... c 37 N78-13436 *
US-PATENT-CLASS-250-500 ..... c 72 N76-15860 *
US-PATENT-CLASS-250-505 ..... c 74 N74-27866 *
US-PATENT-CLASS-250-505 ..... c 35 N75-19616 *
US-PATENT-CLASS-250-508 ..... c 35 N75-19616 *
US-PATENT-CLASS-250-51.5 ..... c 23 N73-13662 *
US-PATENT-CLASS-250-51.5 ..... c 14 N73-28491 *
US-PATENT-CLASS-250-510 ..... c 35 N75-19616 *
US-PATENT-CLASS-250-511 ..... c 74 N74-27866 *
US-PATENT-CLASS-250-513 ..... c 35 N80-28686 *
US-PATENT-CLASS-250-518 ..... c 14 N73-30392 *
US-PATENT-CLASS-250-51 ..... c 24 N72-11595 *
US-PATENT-CLASS-250-527 ..... c 37 N76-18458 *
US-PATENT-CLASS-250-527 ..... c 25 N77-32255 *
US-PATENT-CLASS-250-527 ..... c 44 N77-32580 *
US-PATENT-CLASS-250-527 ..... c 44 N79-11470 *
US-PATENT-CLASS-250-527 ..... c 44 N82-16475 *
US-PATENT-CLASS-250-528 ..... c 25 N78-25148 *
US-PATENT-CLASS-250-52 ..... c 15 N71-15606 *
US-PATENT-CLASS-250-52 ..... c 11 N71-23042 *
US-PATENT-CLASS-250-52 ..... c 24 N72-11595 *
US-PATENT-CLASS-250-52 ..... c 23 N73-13662 *
US-PATENT-CLASS-250-531 ..... c 25 N78-25148 *
US-PATENT-CLASS-250-531 ..... c 33 N79-15245 *
US-PATENT-CLASS-250-540 ..... c 33 N79-15245 *
US-PATENT-CLASS-250-541 ..... c 33 N79-15245 *
US-PATENT-CLASS-250-551 ..... c 74 N79-34011 *
US-PATENT-CLASS-250-551 ..... c 63 N93-24599 *
US-PATENT-CLASS-250-563 ..... c 38 N78-17396 *
US-PATENT-CLASS-250-566 ..... c 74 N75-25706 *
US-PATENT-CLASS-250-571 ..... c 36 N78-14380 *
US-PATENT-CLASS-250-572 ..... c 38 N78-17395 *
US-PATENT-CLASS-250-572 ..... c 38 N78-17396 *
US-PATENT-CLASS-250-573 ..... c 74 N76-20958 *
US-PATENT-CLASS-250-573 ..... c 34 N83-31993 *
US-PATENT-CLASS-250-574 ..... c 45 N76-21742 *
US-PATENT-CLASS-250-574 ..... c 36 N77-25501 *
US-PATENT-CLASS-250-576 ..... c 35 N74-27860 *
US-PATENT-CLASS-250-578 ..... c 36 N75-19652 *
US-PATENT-CLASS-250-65F ..... c 15 N72-25452 *
US-PATENT-CLASS-250-65R ..... c 14 N73-30389 *
US-PATENT-CLASS-250-71.5R ... c 14 N72-29464 *
US-PATENT-CLASS-250-71.5 ..... c 14 N72-17328 *
US-PATENT-CLASS-250-71R ..... c 06 N73-16106 *
US-PATENT-CLASS-250-71 ..... c 14 N70-41676 *
US-PATENT-CLASS-250-83.3H ... c 14 N72-21408 *
US-PATENT-CLASS-250-83.3H ... c 14 N72-24477 *
US-PATENT-CLASS-250-83.3H ... c 14 N73-12445 *
US-PATENT-CLASS-250-83.3H ... c 14 N73-20475 *
US-PATENT-CLASS-250-83.3H ... c 14 N73-25462 *
US-PATENT-CLASS-250-83.3R ... c 14 N73-12445 *
US-PATENT-CLASS-250-83.3R ... c 14 N73-20477 *
US-PATENT-CLASS-250-83.3R ... c 14 N73-32317 *
US-PATENT-CLASS-250-83.3UV . c 10 N72-17173 *
US-PATENT-CLASS-250-83.3UV . c 14 N72-25409 *
US-PATENT-CLASS-250-83.3UV . c 06 N73-16106 *
US-PATENT-CLASS-250-83.3 ..... c 21 N70-33181 *
US-PATENT-CLASS-250-83.3 ..... c 21 N70-34297 *
US-PATENT-CLASS-250-83.3 ..... c 14 N71-15599 *
US-PATENT-CLASS-250-83.3 ..... c 14 N71-18699 *
US-PATENT-CLASS-250-83.3 ..... c 14 N71-21088 *
US-PATENT-CLASS-250-83.3 ..... c 09 N71-22985 *
US-PATENT-CLASS-250-83.3 ..... c 14 N71-25901 *
US-PATENT-CLASS-250-83.3 ..... c 14 N71-26475 *
US-PATENT-CLASS-250-83.3 ..... c 14 N71-27323 *
US-PATENT-CLASS-250-83.3 ..... c 14 N72-17328 *
US-PATENT-CLASS-250-83.3 ..... c 35 N75-27329 *
US-PATENT-CLASS-250-83.6R ... c 14 N71-27090 *
US-PATENT-CLASS-250-83.6R ... c 14 N72-20381 *
US-PATENT-CLASS-250-83.6R ... c 25 N72-33696 *
US-PATENT-CLASS-250-83.6R ... c 74 N81-19898 *
US-PATENT-CLASS-250-83.6 ..... c 10 N70-41991 *
US-PATENT-CLASS-250-83CD .... c 91 N74-13130 *
US-PATENT-CLASS-250-83R ..... c 14 N73-12445 *
US-PATENT-CLASS-250-83R ..... c 14 N73-20477 *
US-PATENT-CLASS-250-83 ..... c 14 N69-27484 * #
US-PATENT-CLASS-250-83 ..... c 14 N69-39937 * #
US-PATENT-CLASS-250-83 ..... c 09 N71-18830 *
US-PATENT-CLASS-250-83 ..... c 05 N71-19440 *
US-PATENT-CLASS-250-83 ..... c 14 N71-20430 *
US-PATENT-CLASS-250-83 ..... c 14 N71-23401 *
US-PATENT-CLASS-250-83 ..... c 09 N71-27232 *
US-PATENT-CLASS-250-84 ..... c 14 N71-24809 *
US-PATENT-CLASS-251-118 ..... c 15 N71-18580 *
US-PATENT-CLASS-251-11 ..... c 15 N70-35407 *
US-PATENT-CLASS-251-120 ..... c 37 N74-21065 *
US-PATENT-CLASS-251-121 ..... c 15 N71-18580 *
US-PATENT-CLASS-251-122 ..... c 15 N73-13462 *
US-PATENT-CLASS-251-122 ..... c 37 N74-21065 *
US-PATENT-CLASS-251-127 ..... c 12 N71-18615 *
US-PATENT-CLASS-251-127 ..... c 44 N84-14583 *
US-PATENT-CLASS-251-129.15 .. c 37 N87-25573 *
US-PATENT-CLASS-251-129.15 .. c 34 N91-27504 *
US-PATENT-CLASS-251-129 ..... c 15 N72-20442 *
US-PATENT-CLASS-251-138 ..... c 37 N80-23654 *
US-PATENT-CLASS-251-148 ..... c 15 N71-23024 *
US-PATENT-CLASS-251-148 ..... c 34 N91-27504 *
US-PATENT-CLASS-251-149.6 .... c 37 N76-14463 *
US-PATENT-CLASS-251-149.9 .... c 37 N79-11402 *
US-PATENT-CLASS-251-160 ..... c 37 N91-14609 *
US-PATENT-CLASS-251-163 ..... c 37 N91-14609 *
US-PATENT-CLASS-251-165 ..... c 37 N87-21332 *
US-PATENT-CLASS-251-172 ..... c 15 N71-21234 *
US-PATENT-CLASS-251-172 ..... c 37 N79-33469 *
US-PATENT-CLASS-251-173 ..... c 15 N70-33376 *
US-PATENT-CLASS-251-175 ..... c 37 N87-25573 *
US-PATENT-CLASS-251-205 ..... c 34 N91-27504 *
US-PATENT-CLASS-251-210 ..... c 37 N74-21065 *
US-PATENT-CLASS-251-212 ..... c 34 N91-14563 *
US-PATENT-CLASS-251-214 ..... c 37 N94-20589 *
US-PATENT-CLASS-251-216 ..... c 37 N81-17433 *
US-PATENT-CLASS-251-265 ..... c 37 N85-20338 *
US-PATENT-CLASS-251-267 ..... c 37 N85-20338 *
US-PATENT-CLASS-251-284 ..... c 37 N85-20338 *
US-PATENT-CLASS-251-297 ..... c 37 N85-20338 *
US-PATENT-CLASS-251-31 ..... c 15 N71-19485 *
US-PATENT-CLASS-251-325 ..... c 37 N85-29284 *
US-PATENT-CLASS-251-326 ..... c 34 N91-27504 *
US-PATENT-CLASS-251-331 ..... c 15 N72-31483 *
US-PATENT-CLASS-251-333 ..... c 15 N70-34859 *
US-PATENT-CLASS-251-333 ..... c 12 N71-18615 *
US-PATENT-CLASS-251-333 ..... c 15 N72-20442 *
US-PATENT-CLASS-251-333 ..... c 37 N75-25185 *
US-PATENT-CLASS-251-339 ..... c 37 N81-17433 *
US-PATENT-CLASS-251-342 ..... c 12 N71-18615 *
US-PATENT-CLASS-251-349 ..... c 37 N85-29284 *
US-PATENT-CLASS-251-353 ..... c 37 N85-29284 *
US-PATENT-CLASS-251-358 ..... c 15 N71-17648 *
US-PATENT-CLASS-251-360 ..... c 15 N72-25451 *
US-PATENT-CLASS-251-363 ..... c 34 N91-27504 *
US-PATENT-CLASS-251-61.1 ..... c 12 N71-18615 *
US-PATENT-CLASS-251-61 ..... c 15 N71-10778 *
US-PATENT-CLASS-251-65 ..... c 37 N94-35661 *
US-PATENT-CLASS-251-7 ..... c 37 N79-28550 *
US-PATENT-CLASS-251-86 ..... c 15 N72-31483 *
US-PATENT-CLASS-251-86 ..... c 37 N80-23654 *
US-PATENT-CLASS-252-DIG.13 . c 54 N92-29137 *
US-PATENT-CLASS-252-DIG.14 . c 54 N92-29137 *
US-PATENT-CLASS-252-DIG.5 .... c 54 N92-29137 *
US-PATENT-CLASS-252-12.2 ..... c 24 N79-17916 *
US-PATENT-CLASS-252-12 ..... c 15 N71-23810 *
US-PATENT-CLASS-252-12 ..... c 24 N76-22309 *
US-PATENT-CLASS-252-182.1 .... c 33 N84-14422 *
US-PATENT-CLASS-252-182.1 .... c 33 N94-29505 *
US-PATENT-CLASS-252-26 ..... c 15 N71-21403 *
US-PATENT-CLASS-252-26 ..... c 15 N71-24046 *
US-PATENT-CLASS-252-2 ..... c 25 N83-36118 *
US-PATENT-CLASS-252-300 ..... c 14 N72-22443 *
US-PATENT-CLASS-252-300 ..... c 24 N76-24363 *
US-PATENT-CLASS-252-301.1R . c 35 N79-10389 *
US-PATENT-CLASS-252-301.16 .. c 35 N79-10389 *
US-PATENT-CLASS-252-301.2 .... c 18 N71-27170 *
US-PATENT-CLASS-252-301.4 .... c 06 N73-30097 *
US-PATENT-CLASS-252-305 ..... c 06 N73-30097 *
US-PATENT-CLASS-252-359A .... c 37 N77-13418 *
US-PATENT-CLASS-252-361 ..... c 71 N83-35781 *
US-PATENT-CLASS-252-364 ..... c 28 N81-15119 *
US-PATENT-CLASS-252-373 ..... c 44 N76-29704 *
US-PATENT-CLASS-252-373 ..... c 44 N77-10636 *
US-PATENT-CLASS-252-408 ..... c 14 N73-14428 *
US-PATENT-CLASS-252-422 ..... c 45 N82-11634 *
US-PATENT-CLASS-252-431N .... c 06 N73-32029 *
US-PATENT-CLASS-252-431R .... c 06 N73-32029 *
US-PATENT-CLASS-252-472 ..... c 25 N78-10225 *
US-PATENT-CLASS-252-500 ..... c 27 N92-16121 *
US-PATENT-CLASS-252-502 ..... c 27 N92-10090 *
US-PATENT-CLASS-252-502 ..... c 24 N92-16025 *
US-PATENT-CLASS-252-510 ..... c 24 N91-15320 *
US-PATENT-CLASS-252-514 ..... c 05 N72-25120 *
US-PATENT-CLASS-252-514 ..... c 44 N79-31752 *
US-PATENT-CLASS-252-514 ..... c 25 N82-26396 *
US-PATENT-CLASS-252-518 ..... c 24 N79-14156 *
US-PATENT-CLASS-252-518 ..... c 27 N92-16121 *
US-PATENT-CLASS-252-545 ..... c 54 N92-29137 *
US-PATENT-CLASS-252-547 ..... c 54 N92-29137 *
US-PATENT-CLASS-252-549 ..... c 23 N75-14834 *
US-PATENT-CLASS-252-58 ..... c 18 N70-39897 *
US-PATENT-CLASS-252-5 ..... c 25 N83-33977 *

US-PATENT-CLASS-252-5 ..... c 25 N83-36118 *
US-PATENT-CLASS-252-62.2 ..... c 33 N91-14536 *
US-PATENT-CLASS-252-62.2 ..... c 33 N92-28753 *
US-PATENT-CLASS-252-62.3E .... c 44 N80-24741 *
US-PATENT-CLASS-252-62.3E .... c 44 N81-19558 *
US-PATENT-CLASS-252-62.3GA c 25 N75-26043 *
US-PATENT-CLASS-252-62.3 ..... c 26 N71-23292 *
US-PATENT-CLASS-252-62.3 ..... c 76 N76-25049 *
US-PATENT-CLASS-252-62 ..... c 27 N74-27037 *
US-PATENT-CLASS-252-70 ..... c 23 N75-14834 *
US-PATENT-CLASS-252-79.2 ..... c 25 N92-25399 * #
US-PATENT-CLASS-252-79.4 ..... c 25 N92-25399 * #
US-PATENT-CLASS-252-8.1 ..... c 18 N73-26572 *
US-PATENT-CLASS-252-8.1 ..... c 27 N74-27037 *
US-PATENT-CLASS-252-8.1 ..... c 24 N78-14096 *
US-PATENT-CLASS-253-317 ..... c 44 N77-22606 *
US-PATENT-CLASS-253-39.15 .... c 15 N70-33226 *
US-PATENT-CLASS-253-39.15 .... c 15 N70-33264 *
US-PATENT-CLASS-253-39.15 .... c 28 N70-33372 *
US-PATENT-CLASS-253-39.1 ..... c 33 N71-29152 *
US-PATENT-CLASS-253-66 ..... c 15 N70-36412 *
US-PATENT-CLASS-253-66 ..... c 28 N70-39895 *
US-PATENT-CLASS-253-77 ..... c 28 N71-28928 *
US-PATENT-CLASS-253-77 ..... c 28 N71-29154 *
US-PATENT-CLASS-253 ..... c 25 N79-28253 *
US-PATENT-CLASS-254-101 ..... c 37 N91-21543 *
US-PATENT-CLASS-254-124 ..... c 20 N76-22296 *
US-PATENT-CLASS-254-131 ..... c 60 N82-24839 *
US-PATENT-CLASS-254-150 ..... c 15 N71-24599 *
US-PATENT-CLASS-254-156 ..... c 15 N73-25512 *
US-PATENT-CLASS-254-158 ..... c 54 N77-21844 *
US-PATENT-CLASS-254-173 ..... c 15 N71-24599 *
US-PATENT-CLASS-254-186 ..... c 15 N71-24599 *
US-PATENT-CLASS-254-190 ..... c 15 N72-25453 *
US-PATENT-CLASS-254-29A ..... c 15 N73-30457 *
US-PATENT-CLASS-254-93-H ..... c 35 N88-24927 *
US-PATENT-CLASS-254-93-R ..... c 35 N88-24927 *
US-PATENT-CLASS-254-93R ..... c 35 N74-13129 *
US-PATENT-CLASS-254-93R ..... c 20 N76-22296 *
US-PATENT-CLASS-256-13.1 ..... c 37 N79-10420 *
US-PATENT-CLASS-256-1 ..... c 37 N79-10420 *
US-PATENT-CLASS-256-308.2 .... c 27 N86-20561 *
US-PATENT-CLASS-256-59 ..... c 37 N92-29092 *
US-PATENT-CLASS-257-15 ..... c 33 N94-23821 * #
US-PATENT-CLASS-257-17 ..... c 35 N93-19387 *
US-PATENT-CLASS-257-199 ..... c 33 N94-23821 * #
US-PATENT-CLASS-257-21 ..... c 35 N93-19387 *
US-PATENT-CLASS-257-23 ..... c 35 N93-19387 *
US-PATENT-CLASS-257-2 ..... c 33 N94-23820 *
US-PATENT-CLASS-257-323 ..... c 33 N94-29426 *
US-PATENT-CLASS-257-33 ..... c 76 N94-29501 *
US-PATENT-CLASS-257-35 ..... c 76 N94-29501 *
US-PATENT-CLASS-257-434 ..... c 44 N94-35230 *
US-PATENT-CLASS-257-476 ..... c 33 N94-23821 * #
US-PATENT-CLASS-257-480 ..... c 33 N94-23821 * #
US-PATENT-CLASS-257-482 ..... c 33 N94-23821 * #
US-PATENT-CLASS-257-486 ..... c 33 N94-23821 * #
US-PATENT-CLASS-257-506 ..... c 33 N94-23821 * #
US-PATENT-CLASS-257-528 ..... c 33 N94-23820 *
US-PATENT-CLASS-257-631 ..... c 44 N94-35230 *
US-PATENT-CLASS-257-712 ..... c 32 N93-29087 *
US-PATENT-CLASS-257-720 ..... c 24 N94-35076 *
US-PATENT-CLASS-257-76 ..... c 44 N94-35230 *
US-PATENT-CLASS-259-DIG.18 . c 35 N74-15093 *
US-PATENT-CLASS-259-4AC ..... c 37 N76-19436 *
US-PATENT-CLASS-259-4 ..... c 15 N73-19458 *
US-PATENT-CLASS-259-60 ..... c 35 N74-15093 *
US-PATENT-CLASS-259-71 ..... c 15 N71-21177 *
US-PATENT-CLASS-259-72 ..... c 37 N74-18123 *
US-PATENT-CLASS-259-98 ..... c 35 N74-15126 *
US-PATENT-CLASS-259/4R ..... c 34 N77-24423 *
US-PATENT-CLASS-260.46.5E .... c 27 N74-21156 *
US-PATENT-CLASS-260-DIG.15 . c 27 N78-14164 *
US-PATENT-CLASS-260-DIG.24 . c 27 N74-27037 *
US-PATENT-CLASS-260-DIG.24 . c 27 N76-24405 *
US-PATENT-CLASS-260-DIG.29 . c 27 N80-24438 *
US-PATENT-CLASS-260-17.2 ..... c 24 N80-26388 *
US-PATENT-CLASS-260-17.2 ..... c 24 N81-13999 *
US-PATENT-CLASS-260-17.4UC . c 23 N81-29160 *
US-PATENT-CLASS-260-17A ..... c 27 N81-14076 *
US-PATENT-CLASS-260-18S ..... c 06 N72-25151 *
US-PATENT-CLASS-260-2.1E ..... c 18 N72-22567 *
US-PATENT-CLASS-260-2.1E ..... c 27 N81-14076 *
US-PATENT-CLASS-260-2.1E ..... c 25 N81-19244 *
US-PATENT-CLASS-260-2.1 ..... c 25 N81-17187 *
US-PATENT-CLASS-260-2.2R ..... c 25 N81-17187 *
US-PATENT-CLASS-260-2.2R ..... c 25 N81-19244 *
US-PATENT-CLASS-260-2.5AK ... c 27 N76-15310 *
US-PATENT-CLASS-260-2.5AK ... c 24 N78-24290 *
US-PATENT-CLASS-260-2.5AM .. c 27 N74-12812 *
US-PATENT-CLASS-260-2.5AM .. c 27 N77-31308 *
US-PATENT-CLASS-260-2.5AP ... c 24 N78-24290 *
US-PATENT-CLASS-260-2.5AY ... c 27 N77-31308 *
US-PATENT-CLASS-260-2.5A ..... c 27 N77-31308 *
US-PATENT-CLASS-260-2.5BE ... c 24 N78-24290 *
US-PATENT-CLASS-260-2.5B ..... c 24 N78-24290 *
US-PATENT-CLASS-260-2.5EP ... c 24 N78-24290 *
US-PATENT-CLASS-260-2.5FP ... c 06 N72-25147 *
US-PATENT-CLASS-260-2.5FP ... c 27 N74-27037 *
US-PATENT-CLASS-260-2.5FP ... c 24 N78-24290 *
US-PATENT-CLASS-260-2.5F ..... c 18 N73-13562 *
US-PATENT-CLASS-260-2.5L ..... c 27 N74-12814 *
US-PATENT-CLASS-260-2.5N ..... c 24 N78-15180 *
US-PATENT-CLASS-260-2.5N ..... c 27 N78-31232 *
US-PATENT-CLASS-260-2.5R ..... c 27 N74-27037 *
US-PATENT-CLASS-260-2.5R ..... c 24 N78-15180 *
US-PATENT-CLASS-260-2.5 ..... c 06 N71-11242 *
US-PATENT-CLASS-260-2.5 ..... c 06 N71-24739 *
US-PATENT-CLASS-260-2.5 ..... c 06 N71-25929 *
US-PATENT-CLASS-260-2.5 ..... c 18 N71-26155 *
US-PATENT-CLASS-260-2.5 ..... c 06 N72-25150 *
US-PATENT-CLASS-260-2P ..... c 27 N78-32256 *
US-PATENT-CLASS-260-2R ..... c 37 N74-18126 *
US-PATENT-CLASS-260-2R ..... c 27 N74-27037 *
US-PATENT-CLASS-260-2R ..... c 27 N78-15276 *
US-PATENT-CLASS-260-211.5 .... c 06 N72-25149 *
US-PATENT-CLASS-260-240G .... c 27 N76-32315 *
US-PATENT-CLASS-260-245.75 .. c 27 N86-19455 *
US-PATENT-CLASS-260-245.9 .... c 27 N86-19455 *
US-PATENT-CLASS-260-28.5 ..... c 27 N78-33228 *
US-PATENT-CLASS-260-29.1R ... c 24 N78-24290 *
US-PATENT-CLASS-260-29.6RB . c 25 N81-19242 *
US-PATENT-CLASS-260-29.6S .... c 27 N74-17283 *
US-PATENT-CLASS-260-29.6 ..... c 26 N75-27125 *
US-PATENT-CLASS-260-2 ..... c 06 N71-11243 *
US-PATENT-CLASS-260-2 ..... c 06 N71-20717 *
US-PATENT-CLASS-260-2 ..... c 06 N71-20905 *
US-PATENT-CLASS-260-2 ..... c 06 N71-27363 *
US-PATENT-CLASS-260-2 ..... c 06 N73-30102 *
US-PATENT-CLASS-260-2 ..... c 27 N79-21190 *
US-PATENT-CLASS-260-30.2 ..... c 06 N73-27980 *
US-PATENT-CLASS-260-30.4N ... c 27 N78-17205 *
US-PATENT-CLASS-260-30.8DS . c 06 N73-27980 *
US-PATENT-CLASS-260-307G .... c 27 N79-22300 *
US-PATENT-CLASS-260-32.2R ... c 27 N78-17205 *
US-PATENT-CLASS-260-32.6NT . c 27 N78-17205 *
US-PATENT-CLASS-260-32.6N ... c 06 N73-27980 *
US-PATENT-CLASS-260-32.6N ... c 23 N76-15268 *
US-PATENT-CLASS-260-32.8N ... c 23 N76-15268 *
US-PATENT-CLASS-260-326N .... c 27 N81-17260 *
US-PATENT-CLASS-260-326S .... c 27 N81-17260 *
US-PATENT-CLASS-260-33.4R ... c 06 N73-27980 *
US-PATENT-CLASS-260-33.4R ... c 27 N78-17205 *
US-PATENT-CLASS-260-33.4R ... c 27 N81-19296 *
US-PATENT-CLASS-260-33.6EP . c 24 N78-27180 *
US-PATENT-CLASS-260-33.6PQ . c 24 N78-27180 *
US-PATENT-CLASS-260-33.6R ... c 06 N73-27980 *
US-PATENT-CLASS-260-33.6UB . c 27 N81-15104 *
US-PATENT-CLASS-260-33.8EP . c 24 N78-27180 *
US-PATENT-CLASS-260-33.8F .... c 27 N76-24405 *
US-PATENT-CLASS-260-33.8F .... c 25 N81-14016 *
US-PATENT-CLASS-260-33.8UA . c 24 N78-27180 *
US-PATENT-CLASS-260-340.9R . c 23 N82-16174 *
US-PATENT-CLASS-260-346.3 .... c 23 N75-30256 *
US-PATENT-CLASS-260-346.3 .... c 23 N76-15268 *
US-PATENT-CLASS-260-346.3 .... c 27 N80-32515 *
US-PATENT-CLASS-260-348SC .. c 06 N72-25148 *
US-PATENT-CLASS-260-37EP .... c 24 N78-24290 *
US-PATENT-CLASS-260-37EP .... c 24 N78-27180 *
US-PATENT-CLASS-260-37EP .... c 15 N79-26100 *
US-PATENT-CLASS-260-37EP .... c 27 N81-17260 *
US-PATENT-CLASS-260-37N ..... c 27 N79-28307 *
US-PATENT-CLASS-260-37 ..... c 18 N71-25881 *
US-PATENT-CLASS-260-37 ..... c 27 N81-24258 *
US-PATENT-CLASS-260-386 ..... c 25 N82-24312 *
US-PATENT-CLASS-260-386 ..... c 23 N88-26404 *
US-PATENT-CLASS-260-386 ..... c 25 N90-23497 *
US-PATENT-CLASS-260-389 ..... c 25 N82-24312 *
US-PATENT-CLASS-260-389 ..... c 23 N88-26404 *
US-PATENT-CLASS-260-395 ..... c 23 N88-26404 *
US-PATENT-CLASS-260-395 ..... c 25 N90-23497 *
US-PATENT-CLASS-260-396N .... c 27 N74-27037 *
US-PATENT-CLASS-260-404.5 .... c 18 N71-15688 *
US-PATENT-CLASS-260-42.17 .... c 27 N78-17215 *
US-PATENT-CLASS-260-42.43 .... c 24 N78-27180 *
US-PATENT-CLASS-260-429 ..... c 06 N71-28808 *
US-PATENT-CLASS-260-42 ..... c 27 N79-28307 *
US-PATENT-CLASS-260-448.2D . c 06 N72-25151 *
US-PATENT-CLASS-260-448.2D . c 06 N73-32030 *
US-PATENT-CLASS-260-448.2N . c 37 N74-21058 *
US-PATENT-CLASS-260-448.2 .... c 06 N71-23230 *
US-PATENT-CLASS-260-45.7R ... c 24 N78-27180 *
US-PATENT-CLASS-260-45.7R ... c 27 N82-16238 *
US-PATENT-CLASS-260-45.75W c 24 N78-27180 *
US-PATENT-CLASS-260-45.7 ..... c 27 N76-24405 *
US-PATENT-CLASS-260-45.85N . c 24 N78-27180 *
US-PATENT-CLASS-260-45.9R ... c 24 N78-27180 *
US-PATENT-CLASS-260-46.5E .... c 06 N72-25151 *
US-PATENT-CLASS-260-46.5G ... c 06 N72-25151 *
US-PATENT-CLASS-260-46.5P .... c 06 N72-25151 *
US-PATENT-CLASS-260-46.5R ... c 06 N73-26100 *
US-PATENT-CLASS-260-46.5 ..... c 06 N71-11237 *
US-PATENT-CLASS-260-46.5 ..... c 06 N71-11240 *
US-PATENT-CLASS-260-465.5R . c 27 N81-24256 *
US-PATENT-CLASS-260-465.5R . c 27 N84-22744 *
US-PATENT-CLASS-260-465.6 .... c 27 N84-22744 *
US-PATENT-CLASS-260-47CP .... c 06 N73-27980 *
US-PATENT-CLASS-260-47CP .... c 23 N76-15268 *
US-PATENT-CLASS-260-47CP .... c 27 N78-31232 *
US-PATENT-CLASS-260-47CP .... c 27 N78-32261 *
US-PATENT-CLASS-260-47UP .... c 06 N73-32029 *
US-PATENT-CLASS-260-47 ..... c 06 N71-28620 *
US-PATENT-CLASS-260-47 ..... c 06 N71-28807 *
US-PATENT-CLASS-260-485F .... c 06 N73-30098 *
US-PATENT-CLASS-260-49 ..... c 27 N78-32261 *
US-PATENT-CLASS-260-520 ..... c 23 N75-30256 *
US-PATENT-CLASS-260-535H .... c 06 N72-27144 *
US-PATENT-CLASS-260-53 ..... c 27 N79-28307 *
US-PATENT-CLASS-260-544-D ... c 27 N86-21675 *
US-PATENT-CLASS-260-544-P ... c 27 N87-14515 *
US-PATENT-CLASS-260-544F .... c 06 N72-20121 *
US-PATENT-CLASS-260-544P .... c 27 N86-27450 *
US-PATENT-CLASS-260-551P .... c 27 N78-32256 *
US-PATENT-CLASS-260-566B .... c 27 N76-32315 *
US-PATENT-CLASS-260-567.6M . c 06 N73-32029 *
US-PATENT-CLASS-260-571 ..... c 23 N76-15268 *
US-PATENT-CLASS-260-606-5P . c 27 N78-32256 *
US-PATENT-CLASS-260-615 ..... c 06 N71-27254 *
US-PATENT-CLASS-260-615 ..... c 06 N73-30101 *
US-PATENT-CLASS-260-63N ..... c 27 N78-31232 *
US-PATENT-CLASS-260-63N ..... c 27 N78-32261 *
US-PATENT-CLASS-260-63R ..... c 27 N78-32261 *
US-PATENT-CLASS-260-65 ..... c 06 N73-27980 *
US-PATENT-CLASS-260-65 ..... c 27 N78-32261 *
US-PATENT-CLASS-260-65 ..... c 23 N82-29358 *
US-PATENT-CLASS-260-67 ..... c 27 N78-17214 *
US-PATENT-CLASS-260-67 ..... c 27 N79-21191 *
US-PATENT-CLASS-260-72.5 ..... c 06 N71-11236 *
US-PATENT-CLASS-260-72.5 ..... c 06 N71-11239 *
US-PATENT-CLASS-260-72.5 ..... c 06 N71-24740 *
US-PATENT-CLASS-260-75NH .... c 27 N78-17213 *
US-PATENT-CLASS-260-75NK .... c 27 N78-17213 *
US-PATENT-CLASS-260-75NT .... c 27 N78-17213 *
US-PATENT-CLASS-260-77.5AM c 27 N78-17213 *
US-PATENT-CLASS-260-77.5AN . c 27 N78-17213 *
US-PATENT-CLASS-260-77.5AP . c 06 N72-27144 *
US-PATENT-CLASS-260-77.5AP . c 06 N73-33076 *
US-PATENT-CLASS-260-77.5AP . c 27 N77-31308 *
US-PATENT-CLASS-260-77.5AP . c 27 N78-17213 *
US-PATENT-CLASS-260-77.5AT . c 27 N78-17213 *
US-PATENT-CLASS-260-77.55P . c 27 N78-17213 *
US-PATENT-CLASS-260-77.5 ..... c 06 N73-30099 *
US-PATENT-CLASS-260-77.5 ..... c 06 N73-30100 *
US-PATENT-CLASS-260-77.5 ..... c 06 N73-30103 *
US-PATENT-CLASS-260-78.41 .... c 27 N78-31232 *
US-PATENT-CLASS-260-78TF .... c 06 N73-27980 *
US-PATENT-CLASS-260-78TF .... c 27 N74-23125 *
US-PATENT-CLASS-260-78TF .... c 23 N75-30256 *
US-PATENT-CLASS-260-78TF .... c 23 N76-15268 *
US-PATENT-CLASS-260-78TF .... c 27 N78-32261 *
US-PATENT-CLASS-260-78UA .... c 06 N73-27980 *
US-PATENT-CLASS-260-78 ..... c 06 N71-11235 *
US-PATENT-CLASS-260-78 ..... c 06 N71-11238 *
US-PATENT-CLASS-260-830S .... c 15 N79-26100 *
US-PATENT-CLASS-260-85.5 ..... c 06 N71-23500 *
US-PATENT-CLASS-260-858 ..... c 27 N81-14076 *
US-PATENT-CLASS-260-877 ..... c 06 N72-22107 *
US-PATENT-CLASS-260-879 ..... c 27 N76-16228 *
US-PATENT-CLASS-260-886 ..... c 27 N81-14076 *
US-PATENT-CLASS-260-8900 .... c 27 N81-14076 *
US-PATENT-CLASS-260-895 ..... c 27 N81-14076 *
US-PATENT-CLASS-260-898 ..... c 27 N81-14076 *
US-PATENT-CLASS-260-900 ..... c 27 N76-16228 *
US-PATENT-CLASS-260-901 ..... c 27 N81-14076 *
US-PATENT-CLASS-260-92.1 ..... c 06 N72-25150 *
US-PATENT-CLASS-260-92.1 ..... c 06 N72-25152 *
US-PATENT-CLASS-260-92.1 ..... c 27 N76-16228 *
US-PATENT-CLASS-260-92.1 ..... c 27 N76-24405 *
US-PATENT-CLASS-260-926 ..... c 27 N80-10358 *
US-PATENT-CLASS-260-927-N ... c 23 N86-19376 *
US-PATENT-CLASS-260-93.5A ... c 06 N73-32029 *
US-PATENT-CLASS-260-93.5S ... c 06 N73-32029 *
US-PATENT-CLASS-260-94.2M ... c 06 N73-32029 *
US-PATENT-CLASS-260-94.2R ... c 06 N73-32029 *
US-PATENT-CLASS-260-94.7R ... c 06 N73-32029 *
US-PATENT-CLASS-260-94.8 ..... c 27 N73-22710 *
US-PATENT-CLASS-260-959 ..... c 27 N78-32256 *
US-PATENT-CLASS-260-96D ..... c 28 N81-15119 *
US-PATENT-CLASS-261-DIG.75 . c 34 N77-24423 *
US-PATENT-CLASS-261-118 ..... c 31 N80-18231 *
US-PATENT-CLASS-261-123 ..... c 34 N77-24423 *
US-PATENT-CLASS-261-145 ..... c 28 N72-22772 *
US-PATENT-CLASS-261-28 ..... c 07 N81-29129 *
US-PATENT-CLASS-261-78A ..... c 35 N86-29174 *
US-PATENT-CLASS-261-79A ..... c 54 N81-24724 *
US-PATENT-CLASS-261-83 ..... c 51 N91-30667 *
US-PATENT-CLASS-263-48 ..... c 15 N69-27483 * #
US-PATENT-CLASS-264-DIG.19 . c 27 N94-23311 *

US-PATENT-CLASS-264-DIG.36 . c 18 N73-14584 *
US-PATENT-CLASS-264-DIG.44 . c 15 N72-16329 *
US-PATENT-CLASS-264-DIG.64 . c 27 N88-23894 *
US-PATENT-CLASS-264-DIG.65 . c 27 N85-20124 *
US-PATENT-CLASS-264-DIG.65 . c 27 N93-25995 *
US-PATENT-CLASS-264-DIG-59 . c 27 N89-29539 *
US-PATENT-CLASS-264-022 ..... c 27 N90-21198 *
US-PATENT-CLASS-264-102 ..... c 15 N71-10672 *
US-PATENT-CLASS-264-102 ..... c 15 N73-12489 *
US-PATENT-CLASS-264-102 ..... c 31 N74-14133 *
US-PATENT-CLASS-264-102 ..... c 31 N74-18124 *
US-PATENT-CLASS-264-102 ..... c 37 N76-24575 *
US-PATENT-CLASS-264-102 ..... c 15 N79-26100 *
US-PATENT-CLASS-264-104 ..... c 05 N72-25120 *
US-PATENT-CLASS-264-104 ..... c 27 N81-24257 *
US-PATENT-CLASS-264-104 ..... c 23 N81-29160 *
US-PATENT-CLASS-264-104 ..... c 25 N83-13188 *
US-PATENT-CLASS-264-105 ..... c 27 N81-24257 *
US-PATENT-CLASS-264-111 ..... c 17 N71-29137 *
US-PATENT-CLASS-264-112 ..... c 27 N85-20124 *
US-PATENT-CLASS-264-114 ..... c 31 N90-19425 *
US-PATENT-CLASS-264-118 ..... c 24 N80-26388 *
US-PATENT-CLASS-264-118 ..... c 24 N84-16262 *
US-PATENT-CLASS-264-119 ..... c 24 N80-26388 *
US-PATENT-CLASS-264-11 ..... c 27 N90-23566 *
US-PATENT-CLASS-264-120 ..... c 27 N85-20124 *
US-PATENT-CLASS-264-124 ..... c 24 N80-26388 *
US-PATENT-CLASS-264-129 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-12 ..... c 31 N83-35176 *
US-PATENT-CLASS-264-12 ..... c 31 N91-32240 *
US-PATENT-CLASS-264-130 ..... c 27 N78-32262 *
US-PATENT-CLASS-264-135 ..... c 37 N74-18126 *
US-PATENT-CLASS-264-135 ..... c 27 N93-25995 *
US-PATENT-CLASS-264-136 ..... c 37 N74-18126 *
US-PATENT-CLASS-264-136 ..... c 24 N91-25200 *
US-PATENT-CLASS-264-137 ..... c 27 N79-33316 *
US-PATENT-CLASS-264-137 ..... c 27 N81-14078 *
US-PATENT-CLASS-264-137 ..... c 27 N81-29229 *
US-PATENT-CLASS-264-137 ..... c 27 N83-34041 *
US-PATENT-CLASS-264-137 ..... c 27 N85-20124 *
US-PATENT-CLASS-264-145 ..... c 15 N79-26100 *
US-PATENT-CLASS-264-151 ..... c 15 N79-26100 *
US-PATENT-CLASS-264-152 ..... c 27 N85-20124 *
US-PATENT-CLASS-264-157 ..... c 24 N78-17150 *
US-PATENT-CLASS-264-161 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-175 ..... c 15 N79-26100 *
US-PATENT-CLASS-264-184 ..... c 27 N78-32262 *
US-PATENT-CLASS-264-184 ..... c 37 N91-27562 *
US-PATENT-CLASS-264-1 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-204 ..... c 27 N86-29039 *
US-PATENT-CLASS-264-211.15 .. c 37 N91-27562 *
US-PATENT-CLASS-264-211.16 .. c 37 N91-27562 *
US-PATENT-CLASS-264-211.17 .. c 37 N91-27562 *
US-PATENT-CLASS-264-211 ..... c 27 N78-32262 *
US-PATENT-CLASS-264-212 ..... c 27 N80-32516 *
US-PATENT-CLASS-264-212 ..... c 27 N86-31727 *
US-PATENT-CLASS-264-216 ..... c 25 N82-21268 *
US-PATENT-CLASS-264-216 ..... c 27 N86-29039 *
US-PATENT-CLASS-264-217 ..... c 25 N75-12087 *
US-PATENT-CLASS-264-219 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-220 ..... c 27 N82-28440 *
US-PATENT-CLASS-264-221 ..... c 15 N72-16329 *
US-PATENT-CLASS-264-221 ..... c 27 N94-20377 *
US-PATENT-CLASS-264-225 ..... c 15 N72-16329 *
US-PATENT-CLASS-264-227 ..... c 15 N72-16329 *
US-PATENT-CLASS-264-229 ..... c 24 N81-29163 *
US-PATENT-CLASS-264-22 ..... c 15 N72-20446 *
US-PATENT-CLASS-264-22 ..... c 14 N72-22439 *
US-PATENT-CLASS-264-22 ..... c 25 N75-12087 *
US-PATENT-CLASS-264-22 ..... c 27 N80-32516 *
US-PATENT-CLASS-264-22 ..... c 27 N82-28440 *
US-PATENT-CLASS-264-230 ..... c 37 N82-24491 *
US-PATENT-CLASS-264-231 ..... c 24 N81-29163 *
US-PATENT-CLASS-264-234 ..... c 37 N91-27562 *
US-PATENT-CLASS-264-236 ..... c 27 N78-32262 *
US-PATENT-CLASS-264-236 ..... c 15 N79-26100 *
US-PATENT-CLASS-264-236 ..... c 27 N86-29039 *
US-PATENT-CLASS-264-236 ..... c 27 N86-31727 *
US-PATENT-CLASS-264-236 ..... c 27 N89-29539 *
US-PATENT-CLASS-264-236 ..... c 37 N91-27562 *
US-PATENT-CLASS-264-23 ..... c 71 N78-10837 *
US-PATENT-CLASS-264-23 ..... c 31 N81-15154 *
US-PATENT-CLASS-264-24 ..... c 31 N81-33319 *
US-PATENT-CLASS-264-24 ..... c 31 N83-35176 *
US-PATENT-CLASS-264-257 ..... c 37 N74-18126 *
US-PATENT-CLASS-264-257 ..... c 27 N89-29539 *
US-PATENT-CLASS-264-257 ..... c 24 N91-25199 *
US-PATENT-CLASS-264-257 ..... c 24 N91-25200 *
US-PATENT-CLASS-264-258 ..... c 24 N81-29163 *
US-PATENT-CLASS-264-258 ..... c 27 N83-34041 *
US-PATENT-CLASS-264-258 ..... c 27 N85-20124 *
US-PATENT-CLASS-264-258 ..... c 24 N94-35075 *
US-PATENT-CLASS-264-259 ..... c 24 N81-29163 *
US-PATENT-CLASS-264-259 ..... c 27 N93-25995 *
US-PATENT-CLASS-264-261 ..... c 24 N91-25199 *
US-PATENT-CLASS-264-265 ..... c 27 N93-25995 *

US-PATENT-CLASS-264-267 ..... c 37 N76-24575 *
US-PATENT-CLASS-264-27 ..... c 26 N71-17818 *
US-PATENT-CLASS-264-28 ..... c 15 N73-12489 *
US-PATENT-CLASS-264-28 ..... c 27 N90-23566 *
US-PATENT-CLASS-264-291 ..... c 74 N87-28416 *
US-PATENT-CLASS-264-294 ..... c 31 N74-13177 *
US-PATENT-CLASS-264-3R ..... c 28 N77-10213 *
US-PATENT-CLASS-264-3R ..... c 20 N77-17143 *
US-PATENT-CLASS-264-304 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-305 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-308 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-310 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-311 ..... c 24 N81-29163 *
US-PATENT-CLASS-264-311 ..... c 31 N90-19425 *
US-PATENT-CLASS-264-318 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-331.12 .. c 27 N85-20124 *
US-PATENT-CLASS-264-331.12 .. c 24 N91-25200 *
US-PATENT-CLASS-264-331.12 .. c 24 N94-35075 *
US-PATENT-CLASS-264-331.19 .. c 27 N85-20124 *
US-PATENT-CLASS-264-331.46 .. c 27 N83-34041 *
US-PATENT-CLASS-264-331 ..... c 27 N76-16230 *
US-PATENT-CLASS-264-332 ..... c 37 N81-25371 *
US-PATENT-CLASS-264-332 ..... c 27 N87-28656 *
US-PATENT-CLASS-264-334 ..... c 37 N76-31524 *
US-PATENT-CLASS-264-33 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-342R .... c 37 N82-24491 *
US-PATENT-CLASS-264-345 ..... c 71 N78-10837 *
US-PATENT-CLASS-264-345 ..... c 37 N91-27562 *
US-PATENT-CLASS-264-347 ..... c 27 N86-29039 *
US-PATENT-CLASS-264-347 ..... c 27 N89-29539 *
US-PATENT-CLASS-264-34 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-35 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-36 ..... c 15 N73-12489 *
US-PATENT-CLASS-264-36 ..... c 32 N74-27612 *
US-PATENT-CLASS-264-3 ..... c 28 N71-26779 *
US-PATENT-CLASS-264-40.1 ..... c 27 N89-29539 *
US-PATENT-CLASS-264-40.1 ..... c 27 N90-23544 *
US-PATENT-CLASS-264-40.4 ..... c 35 N80-18357 *
US-PATENT-CLASS-264-40.5 ..... c 27 N89-29539 *
US-PATENT-CLASS-264-40.6 ..... c 27 N89-29539 *
US-PATENT-CLASS-264-40 ..... c 15 N73-12489 *
US-PATENT-CLASS-264-41 ..... c 25 N81-19244 *
US-PATENT-CLASS-264-41 ..... c 51 N84-28361 *
US-PATENT-CLASS-264-43 ..... c 27 N90-23566 *
US-PATENT-CLASS-264-453 ..... c 25 N82-21268 *
US-PATENT-CLASS-264-4 ..... c 34 N90-23700 *
US-PATENT-CLASS-264-50 ..... c 27 N88-23894 *
US-PATENT-CLASS-264-510 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-516 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-53 ..... c 25 N82-21268 *
US-PATENT-CLASS-264-58 ..... c 24 N93-26100 *
US-PATENT-CLASS-264-58 ..... c 24 N94-29508 *
US-PATENT-CLASS-264-59 ..... c 24 N84-16262 *
US-PATENT-CLASS-264-5 ..... c 31 N81-33319 *
US-PATENT-CLASS-264-5 ..... c 27 N82-28442 *
US-PATENT-CLASS-264-5 ..... c 31 N83-31896 *
US-PATENT-CLASS-264-5 ..... c 31 N83-35176 *
US-PATENT-CLASS-264-5 ..... c 26 N86-32551 *
US-PATENT-CLASS-264-5 ..... c 31 N91-32240 *
US-PATENT-CLASS-264-60 ..... c 27 N76-22376 *
US-PATENT-CLASS-264-60 ..... c 27 N79-14213 *
US-PATENT-CLASS-264-60 ..... c 24 N84-16262 *
US-PATENT-CLASS-264-60 ..... c 27 N87-28656 *
US-PATENT-CLASS-264-63 ..... c 27 N76-22376 *
US-PATENT-CLASS-264-63 ..... c 27 N87-28656 *
US-PATENT-CLASS-264-63 ..... c 27 N92-16122 *
US-PATENT-CLASS-264-65 ..... c 18 N73-14584 *
US-PATENT-CLASS-264-66 ..... c 27 N76-22376 *
US-PATENT-CLASS-264-6 ..... c 27 N90-23566 *
US-PATENT-CLASS-264-70 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-71 ..... c 44 N79-24432 *
US-PATENT-CLASS-264-86 ..... c 27 N94-20377 *
US-PATENT-CLASS-264-90 ..... c 24 N78-17150 *
US-PATENT-CLASS-264-92 ..... c 15 N71-17803 *
US-PATENT-CLASS-264-92 ..... c 15 N72-24522 *
US-PATENT-CLASS-264-9 ..... c 31 N81-33319 *
US-PATENT-CLASS-264-9 ..... c 31 N83-31896 *
US-PATENT-CLASS-266-119 ..... c 26 N80-28492 *
US-PATENT-CLASS-266-19 ..... c 15 N70-33382 *
US-PATENT-CLASS-266-249 ..... c 26 N80-28492 *
US-PATENT-CLASS-266-24 ..... c 17 N72-28535 *
US-PATENT-CLASS-266-274 ..... c 26 N80-28492 *
US-PATENT-CLASS-267-141.2 .... c 39 N93-24596 *
US-PATENT-CLASS-267-150 ..... c 37 N85-34401 *
US-PATENT-CLASS-267-154 ..... c 39 N93-24596 *
US-PATENT-CLASS-267-166 ..... c 34 N74-18552 *
US-PATENT-CLASS-267-1 ..... c 15 N69-27504 * #
US-PATENT-CLASS-267-1 ..... c 15 N70-38225 *
US-PATENT-CLASS-267-64 ..... c 15 N71-21530 *
US-PATENT-CLASS-267-8R ..... c 37 N85-34401 *
US-PATENT-CLASS-269-147 ..... c 35 N88-24927 *
US-PATENT-CLASS-269-152 ..... c 18 N83-29303 *
US-PATENT-CLASS-269-153 ..... c 44 N79-19447 *
US-PATENT-CLASS-269-156 ..... c 37 N80-14398 *
US-PATENT-CLASS-269-21 ..... c 37 N76-21554 *
US-PATENT-CLASS-269-21 ..... c 37 N78-17383 *

US-PATENT-CLASS-269-21 ..... c 37 N78-27423 *
US-PATENT-CLASS-269-21 ..... c 76 N80-18951 *
US-PATENT-CLASS-269-21 ..... c 37 N81-33482 *
US-PATENT-CLASS-269-21 ..... c 37 N91-21545 *
US-PATENT-CLASS-269-224 ..... c 37 N84-28083 *
US-PATENT-CLASS-269-238 ..... c 37 N94-29427 *
US-PATENT-CLASS-269-242 ..... c 18 N83-29303 *
US-PATENT-CLASS-269-242 ..... c 37 N84-28083 *
US-PATENT-CLASS-269-242 ..... c 37 N94-29427 *
US-PATENT-CLASS-269-244 ..... c 18 N83-29303 *
US-PATENT-CLASS-269-244 ..... c 37 N84-28083 *
US-PATENT-CLASS-269-246 ..... c 35 N88-24927 *
US-PATENT-CLASS-269-252 ..... c 37 N84-28083 *
US-PATENT-CLASS-269-266 ..... c 37 N78-27423 *
US-PATENT-CLASS-269-267 ..... c 37 N89-13785 *
US-PATENT-CLASS-269-270 ..... c 37 N93-17625 *
US-PATENT-CLASS-269-285 ..... c 37 N84-28083 *
US-PATENT-CLASS-269-287 ..... c 37 N80-23655 *
US-PATENT-CLASS-269-3 ..... c 37 N84-12491 *
US-PATENT-CLASS-269-43 ..... c 37 N88-14360 *
US-PATENT-CLASS-269-48.1 ..... c 39 N74-13131 *
US-PATENT-CLASS-269-71 ..... c 37 N88-14360 *
US-PATENT-CLASS-269-71 ..... c 37 N94-20380 *
US-PATENT-CLASS-269-73 ..... c 37 N88-14360 *
US-PATENT-CLASS-269-94 ..... c 37 N94-29427 *
US-PATENT-CLASS-27-498 ..... c 15 N73-28515 *
US-PATENT-CLASS-272-DIG.1 .... c 05 N73-32014 *
US-PATENT-CLASS-272-DIG.4 .... c 05 N73-32014 *
US-PATENT-CLASS-272-DIG.5 .... c 05 N73-32014 *
US-PATENT-CLASS-272-1R ..... c 09 N75-15662 *
US-PATENT-CLASS-272-145 ..... c 54 N93-14713 *
US-PATENT-CLASS-272-57A ..... c 09 N75-15662 *
US-PATENT-CLASS-272-70 ..... c 05 N71-28619 *
US-PATENT-CLASS-272-73 ..... c 14 N73-27377 *
US-PATENT-CLASS-272-73 ..... c 05 N73-27941 *
US-PATENT-CLASS-272-73 ..... c 37 N74-18127 *
US-PATENT-CLASS-272-79C ..... c 05 N73-32014 *
US-PATENT-CLASS-272-80 ..... c 37 N74-18127 *
US-PATENT-CLASS-273-1E ..... c 05 N73-13114 *
US-PATENT-CLASS-273-148B .... c 33 N92-29153 *
US-PATENT-CLASS-273-240 ..... c 31 N83-34073 *
US-PATENT-CLASS-273-84R ..... c 37 N94-23822 *
US-PATENT-CLASS-274-4R ..... c 09 N72-11224 *
US-PATENT-CLASS-277-105 ..... c 37 N82-24490 *
US-PATENT-CLASS-277-116.6 .... c 37 N84-11497 *
US-PATENT-CLASS-277-124 ..... c 37 N84-11497 *
US-PATENT-CLASS-277-134 ..... c 37 N75-21631 *
US-PATENT-CLASS-277-134 ..... c 07 N78-25090 *
US-PATENT-CLASS-277-135 ..... c 37 N85-29284 *
US-PATENT-CLASS-277-13 ..... c 15 N71-26294 *
US-PATENT-CLASS-277-153 ..... c 37 N80-28711 *
US-PATENT-CLASS-277-153 ..... c 37 N81-26447 *
US-PATENT-CLASS-277-157 ..... c 37 N91-27560 *
US-PATENT-CLASS-277-158 ..... c 37 N90-23751 *
US-PATENT-CLASS-277-164 ..... c 37 N84-11497 *
US-PATENT-CLASS-277-177 ..... c 37 N84-11497 *
US-PATENT-CLASS-277-181 ..... c 37 N81-15363 *
US-PATENT-CLASS-277-189 ..... c 37 N82-16408 *
US-PATENT-CLASS-277-190 ..... c 37 N84-11497 *
US-PATENT-CLASS-277-192 ..... c 37 N79-22474 *
US-PATENT-CLASS-277-193 ..... c 37 N80-28711 *
US-PATENT-CLASS-277-193 ..... c 37 N81-26447 *
US-PATENT-CLASS-277-1 ..... c 37 N82-24490 *
US-PATENT-CLASS-277-204 ..... c 37 N82-24490 *
US-PATENT-CLASS-277-224 ..... c 37 N80-28711 *
US-PATENT-CLASS-277-226 ..... c 37 N91-27560 *
US-PATENT-CLASS-277-229 ..... c 37 N81-15363 *
US-PATENT-CLASS-277-229 ..... c 37 N91-27560 *
US-PATENT-CLASS-277-229 ..... c 37 N92-22043 *
US-PATENT-CLASS-277-230 ..... c 37 N94-35373 *
US-PATENT-CLASS-277-234 ..... c 37 N92-22043 *
US-PATENT-CLASS-277-25 ..... c 15 N69-21362 * #
US-PATENT-CLASS-277-25 ..... c 15 N71-19570 *
US-PATENT-CLASS-277-25 ..... c 15 N72-29488 *
US-PATENT-CLASS-277-25 ..... c 37 N74-10474 *
US-PATENT-CLASS-277-25 ..... c 07 N78-25090 *
US-PATENT-CLASS-277-27 ..... c 15 N72-29488 *
US-PATENT-CLASS-277-27 ..... c 37 N74-10474 *
US-PATENT-CLASS-277-27 ..... c 37 N74-15125 *
US-PATENT-CLASS-277-27 ..... c 37 N75-21631 *
US-PATENT-CLASS-277-27 ..... c 37 N82-12442 *
US-PATENT-CLASS-277-27 ..... c 37 N92-16318 *
US-PATENT-CLASS-277-2 ..... c 37 N82-24490 *
US-PATENT-CLASS-277-34.3 ..... c 37 N92-21727 *
US-PATENT-CLASS-277-34 ..... c 37 N90-23751 *
US-PATENT-CLASS-277-34 ..... c 37 N91-27560 *
US-PATENT-CLASS-277-34 ..... c 37 N92-21727 *
US-PATENT-CLASS-277-34 ..... c 37 N92-22043 *
US-PATENT-CLASS-277-3 ..... c 37 N92-21727 *
US-PATENT-CLASS-277-3 ..... c 37 N92-22043 *
US-PATENT-CLASS-277-40 ..... c 37 N75-21631 *
US-PATENT-CLASS-277-40 ..... c 37 N82-12442 *
US-PATENT-CLASS-277-41 ..... c 37 N76-22541 *
US-PATENT-CLASS-277-4 ..... c 37 N76-22541 *
US-PATENT-CLASS-277-4 ..... c 37 N82-24490 *
US-PATENT-CLASS-277-53 ..... c 37 N86-20788 *

US-PATENT-CLASS-277-53 ..... c 37 N92-16318 *
US-PATENT-CLASS-277-59 ..... c 37 N82-24490 *
US-PATENT-CLASS-277-62 ..... c 37 N79-22475 *
US-PATENT-CLASS-277-72R ..... c 37 N82-24490 *
US-PATENT-CLASS-277-74 ..... c 15 N72-29488 *
US-PATENT-CLASS-277-74 ..... c 37 N76-22541 *
US-PATENT-CLASS-277-75 ..... c 37 N94-35373 *
US-PATENT-CLASS-277-76 ..... c 37 N92-22043 *
US-PATENT-CLASS-277-80 ..... c 37 N85-29284 *
US-PATENT-CLASS-277-81R ..... c 37 N82-16408 *
US-PATENT-CLASS-277-91 ..... c 37 N74-15125 *
US-PATENT-CLASS-277-93R ..... c 37 N76-22541 *
US-PATENT-CLASS-277-93R ..... c 37 N82-12442 *
US-PATENT-CLASS-277-96.1 ..... c 37 N79-22475 *
US-PATENT-CLASS-277-96 ..... c 37 N74-10474 *
US-PATENT-CLASS-277-96 ..... c 37 N81-24442 *
US-PATENT-CLASS-279-1B ..... c 37 N75-33395 *
US-PATENT-CLASS-279-107 ..... c 37 N75-33395 *
US-PATENT-CLASS-279-23.1 ..... c 37 N93-18286 *
US-PATENT-CLASS-279-3 ..... c 37 N78-17383 *
US-PATENT-CLASS-279-79 ..... c 37 N93-14710 *
US-PATENT-CLASS-279-79 ..... c 37 N93-18286 *
US-PATENT-CLASS-279-89 ..... c 37 N75-33395 *
US-PATENT-CLASS-279-89 ..... c 37 N93-14710 *
US-PATENT-CLASS-280-1.5 ..... c 52 N93-14708 *
US-PATENT-CLASS-280-150SB .. c 05 N75-25915 *
US-PATENT-CLASS-280-290 ..... c 52 N93-14708 *
US-PATENT-CLASS-280-432 ..... c 37 N77-14477 *
US-PATENT-CLASS-280-47.11 .... c 85 N87-21755 *
US-PATENT-CLASS-280-677 ..... c 37 N90-17153 *
US-PATENT-CLASS-280-682 ..... c 37 N90-17153 *
US-PATENT-CLASS-280-805 ..... c 37 N82-18601 *
US-PATENT-CLASS-280-87.051 .. c 52 N93-14708 *
US-PATENT-CLASS-285-DIG.21 . c 15 N72-25450 *
US-PATENT-CLASS-285-DIG.21 . c 33 N73-26958 *
US-PATENT-CLASS-285-107 ..... c 37 N89-13786 *
US-PATENT-CLASS-285-108 ..... c 37 N89-13786 *
US-PATENT-CLASS-285-109 ..... c 37 N89-13786 *
US-PATENT-CLASS-285-114 ..... c 37 N75-19686 *
US-PATENT-CLASS-285-133.1 .... c 37 N89-13786 *
US-PATENT-CLASS-285-137.1 .... c 35 N87-28884 *
US-PATENT-CLASS-285-159 ..... c 37 N82-24494 *
US-PATENT-CLASS-285-168 ..... c 54 N86-28619 *
US-PATENT-CLASS-285-168 ..... c 54 N86-28620 *
US-PATENT-CLASS-285-168 ..... c 54 N86-29507 * #
US-PATENT-CLASS-285-184 ..... c 54 N86-29507 * #
US-PATENT-CLASS-285-18 ..... c 15 N72-20445 *
US-PATENT-CLASS-285-192 ..... c 20 N78-24275 *
US-PATENT-CLASS-285-223 ..... c 37 N92-21727 *
US-PATENT-CLASS-285-226 ..... c 37 N75-19686 *
US-PATENT-CLASS-285-226 ..... c 37 N76-14460 *
US-PATENT-CLASS-285-226 ..... c 18 N89-28553 *
US-PATENT-CLASS-285-227 ..... c 54 N86-29507 * #
US-PATENT-CLASS-285-235 ..... c 54 N78-31735 *
US-PATENT-CLASS-285-235 ..... c 54 N79-24651 *
US-PATENT-CLASS-285-23 ..... c 37 N92-10197 *
US-PATENT-CLASS-285-24 ..... c 15 N71-10782 *
US-PATENT-CLASS-285-265 ..... c 37 N76-14460 *
US-PATENT-CLASS-285-27 ..... c 15 N70-41808 *
US-PATENT-CLASS-285-27 ..... c 18 N87-27713 *
US-PATENT-CLASS-285-302 ..... c 18 N89-25266 *
US-PATENT-CLASS-285-305 ..... c 37 N87-22977 *
US-PATENT-CLASS-285-314 ..... c 15 N71-24903 *
US-PATENT-CLASS-285-316 ..... c 15 N72-25450 *
US-PATENT-CLASS-285-316 ..... c 33 N73-26958 *
US-PATENT-CLASS-285-317 ..... c 15 N71-24903 *
US-PATENT-CLASS-285-31 ..... c 18 N87-27713 *
US-PATENT-CLASS-285-326 ..... c 37 N79-11402 *
US-PATENT-CLASS-285-327 ..... c 37 N91-14610 *
US-PATENT-CLASS-285-331 ..... c 15 N70-41629 *
US-PATENT-CLASS-285-33 ..... c 15 N72-25450 *
US-PATENT-CLASS-285-345 ..... c 15 N72-20445 *
US-PATENT-CLASS-285-346 ..... c 37 N92-21727 *
US-PATENT-CLASS-285-351 ..... c 37 N89-13786 *
US-PATENT-CLASS-285-353 ..... c 37 N92-10197 *
US-PATENT-CLASS-285-359 ..... c 37 N79-11402 *
US-PATENT-CLASS-285-361 ..... c 37 N91-14613 *
US-PATENT-CLASS-285-373 ..... c 18 N87-27713 *
US-PATENT-CLASS-285-37 ..... c 37 N82-24490 *
US-PATENT-CLASS-285-381 ..... c 37 N92-29120 *
US-PATENT-CLASS-285-38 ..... c 15 N71-24903 *
US-PATENT-CLASS-285-39 ..... c 37 N89-13786 *
US-PATENT-CLASS-285-39 ..... c 37 N92-10197 *
US-PATENT-CLASS-285-3 ..... c 15 N69-27490 * #
US-PATENT-CLASS-285-3 ..... c 15 N72-25450 *
US-PATENT-CLASS-285-401 ..... c 37 N82-24494 *
US-PATENT-CLASS-285-406 ..... c 15 N71-24903 *
US-PATENT-CLASS-285-410 ..... c 05 N72-11085 *
US-PATENT-CLASS-285-421 ..... c 18 N87-27713 *
US-PATENT-CLASS-285-45 ..... c 15 N71-28937 *
US-PATENT-CLASS-285-81 ..... c 37 N87-22977 *
US-PATENT-CLASS-285-82 ..... c 37 N91-14613 *
US-PATENT-CLASS-285-85 ..... c 37 N87-22977 *
US-PATENT-CLASS-285-86 ..... c 18 N87-27713 *
US-PATENT-CLASS-285-89 ..... c 37 N82-24494 *
US-PATENT-CLASS-285-901 ..... c 35 N87-28884 *
US-PATENT-CLASS-285-910 ..... c 37 N92-21727 *
US-PATENT-CLASS-285-912 ..... c 37 N92-10197 *
US-PATENT-CLASS-285-91 ..... c 37 N87-22977 *
US-PATENT-CLASS-285-97 ..... c 37 N89-13786 *
US-PATENT-CLASS-285-97 ..... c 37 N92-21727 *
US-PATENT-CLASS-287-119 ..... c 15 N70-41829 *
US-PATENT-CLASS-287-189.365 c 15 N71-26312 *
US-PATENT-CLASS-287-189.36 .. c 15 N71-10799 *
US-PATENT-CLASS-287-54A ..... c 11 N72-25287 *
US-PATENT-CLASS-287-85R ..... c 15 N73-12488 *
US-PATENT-CLASS-287-92 ..... c 31 N73-32749 *
US-PATENT-CLASS-29-DIG.1 ..... c 44 N81-14389 *
US-PATENT-CLASS-29-DIG.24 .... c 24 N75-33181 *
US-PATENT-CLASS-29-DIG.35 .... c 37 N77-23482 *
US-PATENT-CLASS-29-DIG.39 .... c 24 N75-33181 *
US-PATENT-CLASS-29-110.5 ..... c 37 N92-28754 *
US-PATENT-CLASS-29-123 ..... c 37 N92-28754 *
US-PATENT-CLASS-29-125 ..... c 37 N79-10422 *
US-PATENT-CLASS-29-132 ..... c 37 N92-28754 *
US-PATENT-CLASS-29-148.4A ... c 37 N74-15128 *
US-PATENT-CLASS-29-148.4B ... c 37 N74-15128 *
US-PATENT-CLASS-29-148.4 ..... c 15 N71-16052 *
US-PATENT-CLASS-29-148.4 ..... c 15 N71-17688 *
US-PATENT-CLASS-29-155.55 .... c 15 N71-15986 *
US-PATENT-CLASS-29-156.5-R .. c 24 N87-27742 * #
US-PATENT-CLASS-29-156.8R ... c 37 N78-24544 *
US-PATENT-CLASS-29-157.3H ... c 74 N83-19596 *
US-PATENT-CLASS-29-157.3R ... c 34 N74-18552 *
US-PATENT-CLASS-29-157.3 ..... c 28 N70-41818 *
US-PATENT-CLASS-29-157 ..... c 28 N71-15658 *
US-PATENT-CLASS-29-182.1 ..... c 18 N71-23710 *
US-PATENT-CLASS-29-182.2 ..... c 17 N71-23046 *
US-PATENT-CLASS-29-182.2 ..... c 37 N75-26371 *
US-PATENT-CLASS-29-182.5 ..... c 17 N72-28536 *
US-PATENT-CLASS-29-182.5 ..... c 37 N75-26371 *
US-PATENT-CLASS-29-182.5 ..... c 27 N76-15311 *
US-PATENT-CLASS-29-182.5 ..... c 27 N77-13217 *
US-PATENT-CLASS-29-182 ..... c 37 N74-13179 *
US-PATENT-CLASS-29-182 ..... c 34 N76-27515 *
US-PATENT-CLASS-29-183.5 ..... c 17 N70-38490 *
US-PATENT-CLASS-29-193 ..... c 34 N76-27515 *
US-PATENT-CLASS-29-194 ..... c 26 N75-19408 *
US-PATENT-CLASS-29-194 ..... c 44 N76-14595 *
US-PATENT-CLASS-29-195A ..... c 27 N76-16229 *
US-PATENT-CLASS-29-195Y ..... c 14 N73-32320 *
US-PATENT-CLASS-29-195 ..... c 44 N76-14595 *
US-PATENT-CLASS-29-196.2 ..... c 17 N73-32414 *
US-PATENT-CLASS-29-196.2 ..... c 26 N75-19408 *
US-PATENT-CLASS-29-196.6 ..... c 17 N73-32414 *
US-PATENT-CLASS-29-196.6 ..... c 37 N75-13261 *
US-PATENT-CLASS-29-196.6 ..... c 26 N75-19408 *
US-PATENT-CLASS-29-197 ..... c 17 N73-32414 *
US-PATENT-CLASS-29-197 ..... c 37 N75-13261 *
US-PATENT-CLASS-29-197 ..... c 26 N75-19408 *
US-PATENT-CLASS-29-197 ..... c 44 N76-14595 *
US-PATENT-CLASS-29-198 ..... c 17 N70-33288 *
US-PATENT-CLASS-29-198 ..... c 09 N72-25259 *
US-PATENT-CLASS-29-203H ..... c 37 N74-32918 *
US-PATENT-CLASS-29-203MW .. c 33 N74-26977 *
US-PATENT-CLASS-29-203V ..... c 15 N73-14468 *
US-PATENT-CLASS-29-23.5 ..... c 37 N78-24544 *
US-PATENT-CLASS-29-234 ..... c 15 N70-36901 *
US-PATENT-CLASS-29-244 ..... c 37 N78-24544 *
US-PATENT-CLASS-29-25.14 ..... c 05 N72-25121 *
US-PATENT-CLASS-29-25.14 ..... c 35 N82-24471 *
US-PATENT-CLASS-29-25.18 ..... c 09 N71-26678 *
US-PATENT-CLASS-29-25.18 ..... c 05 N72-25121 *
US-PATENT-CLASS-29-25.18 ..... c 20 N75-18310 *
US-PATENT-CLASS-29-25.18 ..... c 20 N76-21276 *
US-PATENT-CLASS-29-25.35 ..... c 35 N80-20559 *
US-PATENT-CLASS-29-25.42 ..... c 26 N72-28762 *
US-PATENT-CLASS-29-252 ..... c 37 N78-24544 *
US-PATENT-CLASS-29-252 ..... c 37 N94-35375 *
US-PATENT-CLASS-29-26A ..... c 37 N75-33395 *
US-PATENT-CLASS-29-263 ..... c 37 N93-14871 *
US-PATENT-CLASS-29-267 ..... c 60 N82-24839 *
US-PATENT-CLASS-29-268 ..... c 37 N74-32918 *
US-PATENT-CLASS-29-271 ..... c 15 N70-41371 *
US-PATENT-CLASS-29-278R ..... c 15 N71-29133 *
US-PATENT-CLASS-29-400 ..... c 05 N71-12345 *
US-PATENT-CLASS-29-402.16 .... c 37 N86-32736 * #
US-PATENT-CLASS-29-412 ..... c 15 N72-20444 *
US-PATENT-CLASS-29-419 ..... c 24 N75-28135 *
US-PATENT-CLASS-29-420.5 ..... c 26 N74-10521 *
US-PATENT-CLASS-29-420.5 ..... c 37 N74-13179 *
US-PATENT-CLASS-29-420.5 ..... c 37 N75-26371 *
US-PATENT-CLASS-29-420 ..... c 24 N75-13032 *
US-PATENT-CLASS-29-421E ..... c 37 N79-13364 *
US-PATENT-CLASS-29-421 ..... c 15 N71-29018 *
US-PATENT-CLASS-29-421 ..... c 14 N72-22439 *
US-PATENT-CLASS-29-421 ..... c 37 N76-14461 *
US-PATENT-CLASS-29-423 ..... c 15 N70-36409 *
US-PATENT-CLASS-29-423 ..... c 31 N74-21059 *
US-PATENT-CLASS-29-423 ..... c 52 N84-28389 *
US-PATENT-CLASS-29-426.5 ..... c 37 N93-14871 *
US-PATENT-CLASS-29-426 ..... c 15 N72-20444 *
US-PATENT-CLASS-29-428 ..... c 15 N71-17686 *
US-PATENT-CLASS-29-432 ..... c 37 N76-19437 *
US-PATENT-CLASS-29-433 ..... c 37 N76-19437 *
US-PATENT-CLASS-29-446 ..... c 37 N83-36482 *
US-PATENT-CLASS-29-447 ..... c 37 N77-23482 *
US-PATENT-CLASS-29-451 ..... c 52 N84-28389 *
US-PATENT-CLASS-29-452 ..... c 15 N73-30457 *
US-PATENT-CLASS-29-454 ..... c 35 N94-35369 *
US-PATENT-CLASS-29-458 ..... c 26 N83-10170 *
US-PATENT-CLASS-29-460 ..... c 37 N74-11301 *
US-PATENT-CLASS-29-460 ..... c 37 N75-13261 *
US-PATENT-CLASS-29-463 ..... c 07 N78-33101 *
US-PATENT-CLASS-29-467 ..... c 39 N76-31562 *
US-PATENT-CLASS-29-470.1 ..... c 37 N74-21057 *
US-PATENT-CLASS-29-470.1 ..... c 37 N75-12326 *
US-PATENT-CLASS-29-472.7 ..... c 37 N75-15992 *
US-PATENT-CLASS-29-472.9 ..... c 15 N69-39786 * #
US-PATENT-CLASS-29-472.9 ..... c 26 N71-16037 *
US-PATENT-CLASS-29-472.9 ..... c 15 N72-22492 *
US-PATENT-CLASS-29-473.1 ..... c 15 N72-22487 *
US-PATENT-CLASS-29-473.1 ..... c 15 N72-22492 *
US-PATENT-CLASS-29-473.1 ..... c 37 N75-15992 *
US-PATENT-CLASS-29-475 ..... c 37 N75-12326 *
US-PATENT-CLASS-29-482 ..... c 05 N72-25121 *
US-PATENT-CLASS-29-482 ..... c 37 N74-18128 *
US-PATENT-CLASS-29-487 ..... c 15 N73-33383 *
US-PATENT-CLASS-29-487 ..... c 37 N74-21055 *
US-PATENT-CLASS-29-488 ..... c 15 N70-33311 *
US-PATENT-CLASS-29-488 ..... c 37 N74-18128 *
US-PATENT-CLASS-29-492 ..... c 15 N71-20443 *
US-PATENT-CLASS-29-492 ..... c 09 N72-25261 *
US-PATENT-CLASS-29-494 ..... c 15 N73-33383 *
US-PATENT-CLASS-29-494 ..... c 37 N74-21055 *
US-PATENT-CLASS-29-494 ..... c 37 N75-13261 *
US-PATENT-CLASS-29-495 ..... c 15 N71-21078 *
US-PATENT-CLASS-29-497.5 ..... c 15 N73-28515 *
US-PATENT-CLASS-29-497.5 ..... c 15 N73-33383 *
US-PATENT-CLASS-29-497.5 ..... c 37 N74-11300 *
US-PATENT-CLASS-29-497.5 ..... c 37 N75-13261 *
US-PATENT-CLASS-29-497 ..... c 09 N72-25261 *
US-PATENT-CLASS-29-497 ..... c 15 N73-32358 *
US-PATENT-CLASS-29-497 ..... c 37 N74-18128 *
US-PATENT-CLASS-29-498 ..... c 09 N72-25261 *
US-PATENT-CLASS-29-498 ..... c 15 N73-33383 *
US-PATENT-CLASS-29-498 ..... c 37 N74-11301 *
US-PATENT-CLASS-29-498 ..... c 37 N74-18128 *
US-PATENT-CLASS-29-498 ..... c 37 N74-21055 *
US-PATENT-CLASS-29-502 ..... c 09 N72-25261 *
US-PATENT-CLASS-29-503 ..... c 37 N74-11301 *
US-PATENT-CLASS-29-504 ..... c 37 N74-21055 *
US-PATENT-CLASS-29-504 ..... c 37 N75-13261 *
US-PATENT-CLASS-29-517 ..... c 15 N71-17650 *
US-PATENT-CLASS-29-521 ..... c 26 N83-10170 *
US-PATENT-CLASS-29-526 ..... c 37 N76-19437 *
US-PATENT-CLASS-29-526 ..... c 39 N76-31562 *
US-PATENT-CLASS-29-527.2 ..... c 15 N72-20444 *
US-PATENT-CLASS-29-527.2 ..... c 15 N73-32360 *
US-PATENT-CLASS-29-527.2 ..... c 37 N74-11301 *
US-PATENT-CLASS-29-527.2 ..... c 24 N75-33181 *
US-PATENT-CLASS-29-527.2 ..... c 24 N77-19171 *
US-PATENT-CLASS-29-558 ..... c 37 N91-32508 *
US-PATENT-CLASS-29-568 ..... c 37 N91-31656 *
US-PATENT-CLASS-29-57-4 ..... c 44 N79-24431 *
US-PATENT-CLASS-29-570 ..... c 26 N72-28761 *
US-PATENT-CLASS-29-571 ..... c 35 N75-13213 *
US-PATENT-CLASS-29-571 ..... c 33 N78-27326 *
US-PATENT-CLASS-29-571 ..... c 33 N81-26360 *
US-PATENT-CLASS-29-572 ..... c 09 N71-23027 *
US-PATENT-CLASS-29-572 ..... c 03 N71-24681 *
US-PATENT-CLASS-29-572 ..... c 03 N72-22041 *
US-PATENT-CLASS-29-572 ..... c 44 N74-14784 *
US-PATENT-CLASS-29-572 ..... c 44 N76-14600 *
US-PATENT-CLASS-29-572 ..... c 44 N76-28635 *
US-PATENT-CLASS-29-572 ..... c 44 N77-10635 *
US-PATENT-CLASS-29-572 ..... c 44 N78-24609 *
US-PATENT-CLASS-29-572 ..... c 44 N78-25527 *
US-PATENT-CLASS-29-572 ..... c 44 N78-25528 *
US-PATENT-CLASS-29-572 ..... c 44 N78-25529 *
US-PATENT-CLASS-29-572 ..... c 44 N79-11468 *
US-PATENT-CLASS-29-572 ..... c 44 N79-11472 *
US-PATENT-CLASS-29-572 ..... c 44 N79-17314 *
US-PATENT-CLASS-29-572 ..... c 44 N79-18444 *
US-PATENT-CLASS-29-572 ..... c 44 N79-24431 *
US-PATENT-CLASS-29-572 ..... c 44 N79-26475 *
US-PATENT-CLASS-29-572 ..... c 44 N79-31752 *
US-PATENT-CLASS-29-572 ..... c 44 N80-14474 *
US-PATENT-CLASS-29-572 ..... c 44 N82-28780 *
US-PATENT-CLASS-29-572 ..... c 44 N82-29709 *
US-PATENT-CLASS-29-572 ..... c 44 N83-13579 *
US-PATENT-CLASS-29-572 ..... c 76 N86-20150 *
US-PATENT-CLASS-29-572 ..... c 44 N86-32875 *
US-PATENT-CLASS-29-573 ..... c 14 N73-13417 *
US-PATENT-CLASS-29-575 ..... c 76 N87-15882 *
US-PATENT-CLASS-29-576-E ..... c 76 N87-15882 *
US-PATENT-CLASS-29-576-J ..... c 76 N87-15882 *
US-PATENT-CLASS-29-576-W .... c 76 N87-15882 *

US-PATENT-CLASS-29-576B ..... c 44 N86-32875 *
US-PATENT-CLASS-29-576E ..... c 76 N85-30922 *
US-PATENT-CLASS-29-576J ..... c 35 N82-31659 *
US-PATENT-CLASS-29-576J ..... c 76 N85-30922 *
US-PATENT-CLASS-29-576S ..... c 35 N82-31659 *
US-PATENT-CLASS-29-576W ..... c 76 N85-30922 *
US-PATENT-CLASS-29-577 ..... c 44 N79-26475 *
US-PATENT-CLASS-29-578 ..... c 26 N72-17820 *
US-PATENT-CLASS-29-578 ..... c 33 N78-27326 *
US-PATENT-CLASS-29-578 ..... c 44 N79-18444 *
US-PATENT-CLASS-29-578 ..... c 44 N79-26475 *
US-PATENT-CLASS-29-578 ..... c 33 N81-26360 *
US-PATENT-CLASS-29-578 ..... c 76 N85-30922 *
US-PATENT-CLASS-29-578 ..... c 76 N87-15882 *
US-PATENT-CLASS-29-580 ..... c 09 N73-27150 * #
US-PATENT-CLASS-29-580 ..... c 44 N79-26475 *
US-PATENT-CLASS-29-580 ..... c 33 N81-26360 *
US-PATENT-CLASS-29-580 ..... c 35 N87-14671 *
US-PATENT-CLASS-29-588 ..... c 14 N71-27334 *
US-PATENT-CLASS-29-588 ..... c 14 N72-31446 *
US-PATENT-CLASS-29-588 ..... c 44 N74-14784 *
US-PATENT-CLASS-29-588 ..... c 44 N80-14474 *
US-PATENT-CLASS-29-589 ..... c 26 N72-17820 *
US-PATENT-CLASS-29-589 ..... c 09 N72-25261 *
US-PATENT-CLASS-29-589 ..... c 15 N73-14469 *
US-PATENT-CLASS-29-589 ..... c 44 N79-31752 *
US-PATENT-CLASS-29-590 ..... c 09 N72-22199 *
US-PATENT-CLASS-29-591 ..... c 15 N73-14469 *
US-PATENT-CLASS-29-591 ..... c 44 N79-18444 *
US-PATENT-CLASS-29-591 ..... c 35 N87-14671 *
US-PATENT-CLASS-29-592 ..... c 35 N75-13213 *
US-PATENT-CLASS-29-597 ..... c 33 N77-26385 *
US-PATENT-CLASS-29-599 ..... c 15 N72-25447 *
US-PATENT-CLASS-29-599 ..... c 26 N73-26752 *
US-PATENT-CLASS-29-599 ..... c 26 N73-32571 *
US-PATENT-CLASS-29-603 ..... c 08 N71-27210 *
US-PATENT-CLASS-29-604 ..... c 24 N75-13032 *
US-PATENT-CLASS-29-610SG .... c 35 N85-21598 *
US-PATENT-CLASS-29-610 ..... c 24 N75-30260 *
US-PATENT-CLASS-29-613 ..... c 24 N75-30260 *
US-PATENT-CLASS-29-613 ..... c 35 N82-24470 *
US-PATENT-CLASS-29-620 ..... c 35 N82-31659 *
US-PATENT-CLASS-29-622 ..... c 33 N77-26385 *
US-PATENT-CLASS-29-623.5 ..... c 44 N83-32176 *
US-PATENT-CLASS-29-623.5 ..... c 26 N84-22734 *
US-PATENT-CLASS-29-623.5 ..... c 44 N84-28205 *
US-PATENT-CLASS-29-623.5 ..... c 33 N91-27478 *
US-PATENT-CLASS-29-624 ..... c 15 N72-20444 *
US-PATENT-CLASS-29-624 ..... c 14 N73-13417 *
US-PATENT-CLASS-29-627 ..... c 44 N80-14474 *
US-PATENT-CLASS-29-628 ..... c 15 N72-22491 *
US-PATENT-CLASS-29-628 ..... c 09 N72-25261 *
US-PATENT-CLASS-29-628 ..... c 09 N73-28083 *
US-PATENT-CLASS-29-628 ..... c 33 N77-26385 *
US-PATENT-CLASS-29-628 ..... c 44 N78-25528 *
US-PATENT-CLASS-29-629 ..... c 09 N73-28083 *
US-PATENT-CLASS-29-630A ..... c 05 N72-25121 *
US-PATENT-CLASS-29-630A ..... c 09 N73-28083 *
US-PATENT-CLASS-29-630E ..... c 33 N77-26385 *
US-PATENT-CLASS-29-630 ..... c 09 N73-28083 *
US-PATENT-CLASS-29-739 ..... c 44 N79-24431 *
US-PATENT-CLASS-29-764 ..... c 60 N82-24839 *
US-PATENT-CLASS-29-764 ..... c 37 N94-35375 *
US-PATENT-CLASS-29-809 ..... c 44 N79-24431 *
US-PATENT-CLASS-29-81C ..... c 75 N78-27913 *
US-PATENT-CLASS-29-81D ..... c 37 N76-18454 *
US-PATENT-CLASS-29-825 ..... c 44 N84-28205 *
US-PATENT-CLASS-29-832 ..... c 44 N81-14389 *
US-PATENT-CLASS-29-888.046 .. c 37 N90-22042 *
US-PATENT-CLASS-29-890.01 .... c 27 N94-20541 *
US-PATENT-CLASS-29-898.01 .... c 37 N93-14871 *
US-PATENT-CLASS-29-898.07 .... c 37 N93-14871 *
US-PATENT-CLASS-29-898.08 .... c 37 N93-14871 *
US-PATENT-CLASS-290-1-R ..... c 33 N87-23904 *
US-PATENT-CLASS-290-1R ..... c 44 N85-21769 *
US-PATENT-CLASS-290-4R ..... c 44 N85-21769 *
US-PATENT-CLASS-290-40 ..... c 03 N71-11057 *
US-PATENT-CLASS-290-44 ..... c 37 N90-23742 *
US-PATENT-CLASS-290-44 ..... c 05 N91-14345 *
US-PATENT-CLASS-290-52 ..... c 37 N77-32500 *
US-PATENT-CLASS-290-52 ..... c 37 N77-32501 *
US-PATENT-CLASS-290-53 ..... c 44 N80-29834 *
US-PATENT-CLASS-290-55 ..... c 44 N84-23018 *
US-PATENT-CLASS-290-55 ..... c 37 N90-23742 *
US-PATENT-CLASS-290-55 ..... c 05 N91-14345 *
US-PATENT-CLASS-292-DIG.14 . c 37 N75-19685 *
US-PATENT-CLASS-292-DIG.39 . c 37 N92-21500 *
US-PATENT-CLASS-292-DIG.49 . c 37 N87-25582 *
US-PATENT-CLASS-292-DIG.66 . c 37 N92-29120 *
US-PATENT-CLASS-292-108 ..... c 37 N75-19685 *
US-PATENT-CLASS-292-110 ..... c 37 N77-32499 *
US-PATENT-CLASS-292-110 ..... c 37 N92-21500 *
US-PATENT-CLASS-292-122 ..... c 37 N75-19685 *
US-PATENT-CLASS-292-201 ..... c 37 N87-25582 *
US-PATENT-CLASS-292-251.5 .... c 31 N92-16161 *
US-PATENT-CLASS-292-252 ..... c 37 N85-21649 *
US-PATENT-CLASS-292-27 ..... c 37 N90-17154 *
US-PATENT-CLASS-292-34 ..... c 37 N90-17154 *
US-PATENT-CLASS-292-60 ..... c 37 N91-27561 *
US-PATENT-CLASS-292-61 ..... c 37 N91-27561 *
US-PATENT-CLASS-292-64 ..... c 37 N87-25582 *
US-PATENT-CLASS-294-1.1 ..... c 37 N94-29428 *
US-PATENT-CLASS-294-1R ..... c 35 N76-16392 *
US-PATENT-CLASS-294-106 ..... c 37 N81-14320 *
US-PATENT-CLASS-294-106 ..... c 37 N88-23979 *
US-PATENT-CLASS-294-106 ..... c 37 N90-20408 *
US-PATENT-CLASS-294-106 ..... c 37 N91-14616 *
US-PATENT-CLASS-294-111 ..... c 37 N91-14616 *
US-PATENT-CLASS-294-113 ..... c 37 N80-14398 *
US-PATENT-CLASS-294-113 ..... c 37 N88-23979 *
US-PATENT-CLASS-294-116 ..... c 37 N75-33395 *
US-PATENT-CLASS-294-116 ..... c 37 N82-32731 *
US-PATENT-CLASS-294-119.1 .... c 37 N91-14615 *
US-PATENT-CLASS-294-119.1 .... c 37 N92-29138 *
US-PATENT-CLASS-294-119.1 .... c 37 N93-18288 *
US-PATENT-CLASS-294-119.2 .... c 37 N88-23979 *
US-PATENT-CLASS-294-119.3 .... c 27 N94-20359 *
US-PATENT-CLASS-294-15 ..... c 15 N71-29133 *
US-PATENT-CLASS-294-16 ..... c 37 N88-23979 *
US-PATENT-CLASS-294-19R ..... c 35 N76-16392 *
US-PATENT-CLASS-294-65.5 ..... c 37 N92-28727 *
US-PATENT-CLASS-294-65.5 ..... c 37 N92-33018 *
US-PATENT-CLASS-294-66.1 ..... c 37 N94-23822 *
US-PATENT-CLASS-294-66.2 ..... c 37 N92-33018 *
US-PATENT-CLASS-294-82.26 .... c 37 N91-32498 *
US-PATENT-CLASS-294-83 ..... c 15 N71-24897 *
US-PATENT-CLASS-294-86.1 ..... c 37 N94-23822 *
US-PATENT-CLASS-294-86.33 .... c 37 N75-33395 *
US-PATENT-CLASS-294-86.4 ..... c 37 N90-20408 *
US-PATENT-CLASS-294-86.4 ..... c 37 N91-31656 *
US-PATENT-CLASS-294-86.4 ..... c 37 N92-28727 *
US-PATENT-CLASS-294-86.4 ..... c 37 N92-33018 *
US-PATENT-CLASS-294-86.4 ..... c 37 N93-17625 *
US-PATENT-CLASS-294-86R ..... c 37 N80-14398 *
US-PATENT-CLASS-294-86R ..... c 37 N81-27519 *
US-PATENT-CLASS-294-86R ..... c 18 N83-29303 *
US-PATENT-CLASS-294-88 ..... c 37 N89-13785 *
US-PATENT-CLASS-294-89 ..... c 37 N93-13417 *
US-PATENT-CLASS-294-902 ..... c 37 N92-29138 *
US-PATENT-CLASS-294-902 ..... c 37 N93-17625 *
US-PATENT-CLASS-294-907 ..... c 37 N92-33018 *
US-PATENT-CLASS-294-907 ..... c 37 N93-18288 *
US-PATENT-CLASS-294-93 ..... c 54 N81-26718 *
US-PATENT-CLASS-294-94 ..... c 37 N93-13417 *
US-PATENT-CLASS-296-1S ..... c 85 N82-33288 *
US-PATENT-CLASS-296-1S ..... c 02 N88-14071 *
US-PATENT-CLASS-296-100 ..... c 37 N87-17036 *
US-PATENT-CLASS-296-20 ..... c 85 N87-21755 *
US-PATENT-CLASS-296-24C ..... c 85 N82-33288 *
US-PATENT-CLASS-296-91 ..... c 85 N82-33288 *
US-PATENT-CLASS-297-DIG.5 .... c 03 N84-33394 *
US-PATENT-CLASS-297-216 ..... c 05 N70-35152 *
US-PATENT-CLASS-297-216 ..... c 37 N88-23982 *
US-PATENT-CLASS-297-232 ..... c 05 N72-11085 *
US-PATENT-CLASS-297-385 ..... c 05 N71-12341 *
US-PATENT-CLASS-297-385 ..... c 05 N75-25915 *
US-PATENT-CLASS-297-386 ..... c 15 N73-30460 *
US-PATENT-CLASS-297-388 ..... c 05 N75-25915 *
US-PATENT-CLASS-297-389 ..... c 05 N75-25915 *
US-PATENT-CLASS-297-423 ..... c 54 N93-14713 *
US-PATENT-CLASS-297-68 ..... c 05 N71-12343 *
US-PATENT-CLASS-297-68 ..... c 05 N72-11085 *
US-PATENT-CLASS-299-13 ..... c 43 N81-26509 *
US-PATENT-CLASS-299-17 ..... c 43 N81-26509 *
US-PATENT-CLASS-299-1 ..... c 43 N79-26439 *
US-PATENT-CLASS-299-1 ..... c 35 N84-33768 *
US-PATENT-CLASS-299-20 ..... c 43 N81-26509 *
US-PATENT-CLASS-299-67 ..... c 46 N74-23068 *
US-PATENT-CLASS-299-86 ..... c 46 N74-23069 *
US-PATENT-CLASS-3-1.1 ..... c 05 N73-32013 *
US-PATENT-CLASS-3-1.1 ..... c 52 N77-14738 *
US-PATENT-CLASS-3-1.1 ..... c 54 N79-24652 *
US-PATENT-CLASS-3-1.1 ..... c 74 N84-11921 *
US-PATENT-CLASS-3-1.2 ..... c 52 N77-14735 *
US-PATENT-CLASS-3-1.2 ..... c 52 N78-10686 *
US-PATENT-CLASS-3-1.9 ..... c 27 N78-17215 *
US-PATENT-CLASS-3-1.9 ..... c 52 N79-26772 *
US-PATENT-CLASS-3-12.5 ..... c 54 N78-17676 *
US-PATENT-CLASS-3-12.5 ..... c 54 N79-24652 *
US-PATENT-CLASS-3-12 ..... c 05 N73-32013 *
US-PATENT-CLASS-3-12 ..... c 52 N79-26772 *
US-PATENT-CLASS-3-14 ..... c 52 N77-14735 *
US-PATENT-CLASS-3-15 ..... c 52 N78-10686 *
US-PATENT-CLASS-3-1 ..... c 52 N77-25772 *
US-PATENT-CLASS-3-21 ..... c 54 N77-30749 *
US-PATENT-CLASS-3-29 ..... c 52 N78-10686 *
US-PATENT-CLASS-3-2 ..... c 05 N73-32013 *
US-PATENT-CLASS-3-2 ..... c 54 N77-30749 *
US-PATENT-CLASS-3-2 ..... c 52 N79-26772 *
US-PATENT-CLASS-3-6 ..... c 05 N73-32013 *
US-PATENT-CLASS-30-102 ..... c 37 N82-26672 *
US-PATENT-CLASS-30-180 ..... c 37 N84-28085 *
US-PATENT-CLASS-30-188 ..... c 37 N84-28085 *
US-PATENT-CLASS-30-228 ..... c 15 N70-42017 *
US-PATENT-CLASS-30-228 ..... c 37 N84-28085 *
US-PATENT-CLASS-30-249 ..... c 37 N84-28085 *
US-PATENT-CLASS-30-272R ..... c 37 N84-28085 *
US-PATENT-CLASS-30-388 ..... c 37 N91-31655 *
US-PATENT-CLASS-30-90.6 ..... c 37 N79-10419 *
US-PATENT-CLASS-30-92 ..... c 37 N91-31655 *
US-PATENT-CLASS-301-5P ..... c 37 N74-18125 *
US-PATENT-CLASS-301-82 ..... c 33 N79-10339 *
US-PATENT-CLASS-302-66 ..... c 25 N79-11152 *
US-PATENT-CLASS-303-92 ..... c 44 N79-14527 *
US-PATENT-CLASS-305-35EB .... c 11 N73-26238 *
US-PATENT-CLASS-305-36 ..... c 37 N87-17034 *
US-PATENT-CLASS-305-39 ..... c 11 N73-26238 *
US-PATENT-CLASS-305-51 ..... c 37 N87-17034 *
US-PATENT-CLASS-305-58PC .... c 37 N87-17034 *
US-PATENT-CLASS-305-58R ..... c 37 N87-17034 *
US-PATENT-CLASS-307-103 ..... c 09 N72-25262 *
US-PATENT-CLASS-307-104 ..... c 09 N71-24892 *
US-PATENT-CLASS-307-106 ..... c 09 N69-21468 * #
US-PATENT-CLASS-307-106 ..... c 33 N88-24862 *
US-PATENT-CLASS-307-110 ..... c 33 N93-18278 *
US-PATENT-CLASS-307-118 ..... c 09 N72-27227 *
US-PATENT-CLASS-307-118 ..... c 63 N94-29466 *
US-PATENT-CLASS-307-119 ..... c 33 N79-28415 *
US-PATENT-CLASS-307-126 ..... c 14 N71-27407 *
US-PATENT-CLASS-307-127 ..... c 33 N74-14956 *
US-PATENT-CLASS-307-131 ..... c 44 N87-21410 *
US-PATENT-CLASS-307-136 ..... c 09 N69-27500 * #
US-PATENT-CLASS-307-141.8 .... c 03 N72-25020 *
US-PATENT-CLASS-307-149 ..... c 09 N71-13486 *
US-PATENT-CLASS-307-149 ..... c 54 N75-12616 *
US-PATENT-CLASS-307-151 ..... c 32 N78-24391 *
US-PATENT-CLASS-307-157 ..... c 16 N73-32391 *
US-PATENT-CLASS-307-18 ..... c 03 N73-31988 *
US-PATENT-CLASS-307-18 ..... c 33 N74-34638 *
US-PATENT-CLASS-307-201 ..... c 32 N92-22033 *
US-PATENT-CLASS-307-201 ..... c 63 N93-24599 *
US-PATENT-CLASS-307-201 ..... c 33 N94-23820 *
US-PATENT-CLASS-307-201 ..... c 33 N94-29426 *
US-PATENT-CLASS-307-204 ..... c 35 N75-30504 *
US-PATENT-CLASS-307-205 ..... c 33 N75-14957 *
US-PATENT-CLASS-307-206 ..... c 10 N72-22236 *
US-PATENT-CLASS-307-207 ..... c 08 N71-29034 *
US-PATENT-CLASS-307-207 ..... c 09 N73-13209 *
US-PATENT-CLASS-307-208 ..... c 33 N75-14957 *
US-PATENT-CLASS-307-211 ..... c 35 N75-30504 *
US-PATENT-CLASS-307-215 ..... c 10 N71-28860 *
US-PATENT-CLASS-307-215 ..... c 09 N71-29139 *
US-PATENT-CLASS-307-215 ..... c 10 N72-22236 *
US-PATENT-CLASS-307-215 ..... c 09 N73-13209 *
US-PATENT-CLASS-307-215 ..... c 33 N74-22814 *
US-PATENT-CLASS-307-216 ..... c 08 N71-18751 *
US-PATENT-CLASS-307-219 ..... c 35 N75-30504 *
US-PATENT-CLASS-307-219 ..... c 60 N81-15706 *
US-PATENT-CLASS-307-220 ..... c 10 N73-26229 *
US-PATENT-CLASS-307-221R .... c 10 N73-20254 *
US-PATENT-CLASS-307-221R .... c 33 N76-14373 *
US-PATENT-CLASS-307-222 ..... c 09 N69-27463 * #
US-PATENT-CLASS-307-222 ..... c 08 N71-29034 *
US-PATENT-CLASS-307-223B .... c 09 N72-22201 *
US-PATENT-CLASS-307-223 ..... c 09 N72-17157 *
US-PATENT-CLASS-307-225R .... c 33 N74-10223 *
US-PATENT-CLASS-307-225R .... c 33 N75-31330 *
US-PATENT-CLASS-307-225R .... c 33 N77-24375 *
US-PATENT-CLASS-307-225R .... c 60 N81-15706 *
US-PATENT-CLASS-307-227 ..... c 09 N72-17157 *
US-PATENT-CLASS-307-227 ..... c 33 N75-19522 *
US-PATENT-CLASS-307-229 ..... c 09 N71-12520 *
US-PATENT-CLASS-307-229 ..... c 09 N72-23173 *
US-PATENT-CLASS-307-229 ..... c 33 N75-18479 *
US-PATENT-CLASS-307-229 ..... c 33 N77-17354 *
US-PATENT-CLASS-307-229 ..... c 33 N78-32339 *
US-PATENT-CLASS-307-230 ..... c 10 N72-16172 *
US-PATENT-CLASS-307-230 ..... c 09 N72-21245 *
US-PATENT-CLASS-307-230 ..... c 09 N73-20232 *
US-PATENT-CLASS-307-230 ..... c 33 N74-32712 *
US-PATENT-CLASS-307-230 ..... c 33 N77-17354 *
US-PATENT-CLASS-307-230 ..... c 33 N78-32339 *
US-PATENT-CLASS-307-231 ..... c 09 N72-22202 *
US-PATENT-CLASS-307-232 ..... c 33 N77-21314 *
US-PATENT-CLASS-307-232 ..... c 33 N79-11313 *
US-PATENT-CLASS-307-233R .... c 32 N79-10262 *
US-PATENT-CLASS-307-233R .... c 33 N81-17348 *
US-PATENT-CLASS-307-233 ..... c 09 N72-25257 *
US-PATENT-CLASS-307-233 ..... c 10 N73-26229 *
US-PATENT-CLASS-307-233 ..... c 33 N77-13315 *
US-PATENT-CLASS-307-234 ..... c 10 N71-23315 *
US-PATENT-CLASS-307-234 ..... c 09 N71-27016 *
US-PATENT-CLASS-307-234 ..... c 08 N71-29138 *
US-PATENT-CLASS-307-234 ..... c 63 N94-29466 *
US-PATENT-CLASS-307-235R .... c 33 N75-18479 *
US-PATENT-CLASS-307-235 ..... c 10 N71-19471 *
US-PATENT-CLASS-307-235 ..... c 09 N71-23545 *
US-PATENT-CLASS-307-235 ..... c 10 N71-24862 *

US-PATENT-CLASS-307-237 ..... c 09 N72-22200 *
US-PATENT-CLASS-307-237 ..... c 32 N74-19788 *
US-PATENT-CLASS-307-238 ..... c 33 N75-31331 *
US-PATENT-CLASS-307-238 ..... c 33 N77-21314 *
US-PATENT-CLASS-307-241 ..... c 09 N72-22201 *
US-PATENT-CLASS-307-242 ..... c 10 N73-13235 *
US-PATENT-CLASS-307-243 ..... c 09 N71-12516 *
US-PATENT-CLASS-307-243 ..... c 08 N72-22162 *
US-PATENT-CLASS-307-243 ..... c 33 N74-22814 *
US-PATENT-CLASS-307-246 ..... c 09 N71-27016 *
US-PATENT-CLASS-307-247 ..... c 09 N71-29139 *
US-PATENT-CLASS-307-247 ..... c 09 N72-22202 *
US-PATENT-CLASS-307-251 ..... c 09 N71-33109 *
US-PATENT-CLASS-307-251 ..... c 08 N72-22162 *
US-PATENT-CLASS-307-252F .... c 09 N72-17153 *
US-PATENT-CLASS-307-252J .... c 09 N72-17153 *
US-PATENT-CLASS-307-252J .... c 09 N72-22201 *
US-PATENT-CLASS-307-252K .... c 09 N72-22201 *
US-PATENT-CLASS-307-252L .... c 33 N74-27682 *
US-PATENT-CLASS-307-252N .... c 09 N72-23171 *
US-PATENT-CLASS-307-252Q .... c 33 N74-27682 *
US-PATENT-CLASS-307-252R .... c 09 N72-23171 *
US-PATENT-CLASS-307-252UA .. c 33 N81-27395 *
US-PATENT-CLASS-307-252 ..... c 10 N69-39888 * #
US-PATENT-CLASS-307-252 ..... c 09 N71-12514 *
US-PATENT-CLASS-307-253 ..... c 10 N71-27126 *
US-PATENT-CLASS-307-254 ..... c 10 N71-24799 *
US-PATENT-CLASS-307-254 ..... c 09 N72-22200 *
US-PATENT-CLASS-307-257 ..... c 09 N72-21247 *
US-PATENT-CLASS-307-259 ..... c 09 N72-21247 *
US-PATENT-CLASS-307-259 ..... c 09 N72-23171 *
US-PATENT-CLASS-307-259 ..... c 10 N73-13235 *
US-PATENT-CLASS-307-260 ..... c 09 N71-23311 *
US-PATENT-CLASS-307-260 ..... c 05 N71-23317 *
US-PATENT-CLASS-307-260 ..... c 33 N75-19515 *
US-PATENT-CLASS-307-261 ..... c 09 N71-33109 *
US-PATENT-CLASS-307-261 ..... c 09 N72-25251 *
US-PATENT-CLASS-307-261 ..... c 33 N87-21235 *
US-PATENT-CLASS-307-262 ..... c 10 N72-16172 *
US-PATENT-CLASS-307-262 ..... c 09 N72-22197 *
US-PATENT-CLASS-307-262 ..... c 09 N72-33204 *
US-PATENT-CLASS-307-263 ..... c 09 N71-23270 *
US-PATENT-CLASS-307-263 ..... c 09 N71-28926 *
US-PATENT-CLASS-307-264 ..... c 33 N86-20672 *
US-PATENT-CLASS-307-265 ..... c 09 N69-39987 * #
US-PATENT-CLASS-307-265 ..... c 10 N71-23029 *
US-PATENT-CLASS-307-265 ..... c 09 N71-28468 *
US-PATENT-CLASS-307-265 ..... c 10 N71-28860 *
US-PATENT-CLASS-307-265 ..... c 08 N71-29138 *
US-PATENT-CLASS-307-265 ..... c 09 N71-29139 *
US-PATENT-CLASS-307-265 ..... c 33 N78-18308 *
US-PATENT-CLASS-307-267 ..... c 09 N71-20447 *
US-PATENT-CLASS-307-267 ..... c 33 N74-32711 *
US-PATENT-CLASS-307-267 ..... c 33 N75-18479 *
US-PATENT-CLASS-307-268 ..... c 09 N69-24317 * #
US-PATENT-CLASS-307-269 ..... c 60 N81-15706 *
US-PATENT-CLASS-307-270 ..... c 33 N78-17294 *
US-PATENT-CLASS-307-270 ..... c 33 N86-20672 *
US-PATENT-CLASS-307-271 ..... c 10 N73-32145 *
US-PATENT-CLASS-307-271 ..... c 33 N85-29145 *
US-PATENT-CLASS-307-272.1 .... c 33 N92-16196 *
US-PATENT-CLASS-307-273 ..... c 10 N71-18723 *
US-PATENT-CLASS-307-273 ..... c 09 N71-27016 *
US-PATENT-CLASS-307-273 ..... c 09 N71-28468 *
US-PATENT-CLASS-307-273 ..... c 10 N71-28860 *
US-PATENT-CLASS-307-273 ..... c 09 N71-29139 *
US-PATENT-CLASS-307-273 ..... c 10 N72-20221 *
US-PATENT-CLASS-307-280 ..... c 33 N77-21314 *
US-PATENT-CLASS-307-284 ..... c 09 N72-22201 *
US-PATENT-CLASS-307-288 ..... c 09 N71-23015 *
US-PATENT-CLASS-307-288 ..... c 09 N71-28468 *
US-PATENT-CLASS-307-288 ..... c 10 N72-20221 *
US-PATENT-CLASS-307-288 ..... c 09 N72-22202 *
US-PATENT-CLASS-307-289 ..... c 10 N71-19547 *
US-PATENT-CLASS-307-28 ..... c 03 N73-31988 *
US-PATENT-CLASS-307-290 ..... c 33 N74-22814 *
US-PATENT-CLASS-307-291 ..... c 60 N81-15706 *
US-PATENT-CLASS-307-294 ..... c 09 N71-29139 *
US-PATENT-CLASS-307-295 ..... c 10 N72-17171 *
US-PATENT-CLASS-307-295 ..... c 10 N72-20223 *
US-PATENT-CLASS-307-295 ..... c 09 N72-21245 *
US-PATENT-CLASS-307-295 ..... c 09 N72-33204 *
US-PATENT-CLASS-307-295 ..... c 33 N74-34638 *
US-PATENT-CLASS-307-295 ..... c 33 N77-13315 *
US-PATENT-CLASS-307-296.2 .... c 33 N92-16196 *
US-PATENT-CLASS-307-296.7 .... c 33 N92-16196 *
US-PATENT-CLASS-307-296 ..... c 08 N71-12494 *
US-PATENT-CLASS-307-296 ..... c 07 N71-28430 *
US-PATENT-CLASS-307-297 ..... c 33 N78-17294 *
US-PATENT-CLASS-307-299 ..... c 08 N72-21198 *
US-PATENT-CLASS-307-299 ..... c 26 N72-21701 *
US-PATENT-CLASS-307-29 ..... c 03 N73-31988 *
US-PATENT-CLASS-307-300 ..... c 10 N71-27126 *
US-PATENT-CLASS-307-303 ..... c 08 N72-21198 *
US-PATENT-CLASS-307-303 ..... c 33 N92-16196 *
US-PATENT-CLASS-307-304 ..... c 09 N72-22201 *
US-PATENT-CLASS-307-304 ..... c 09 N73-20232 *
US-PATENT-CLASS-307-304 ..... c 33 N74-34638 *
US-PATENT-CLASS-307-305 ..... c 09 N72-23171 *
US-PATENT-CLASS-307-306 ..... c 33 N78-13320 *
US-PATENT-CLASS-307-306 ..... c 33 N81-17348 *
US-PATENT-CLASS-307-308 ..... c 14 N73-28488 *
US-PATENT-CLASS-307-308 ..... c 63 N94-29466 *
US-PATENT-CLASS-307-309 ..... c 35 N75-13213 *
US-PATENT-CLASS-307-310 ..... c 09 N73-14214 *
US-PATENT-CLASS-307-311 ..... c 14 N72-18411 *
US-PATENT-CLASS-307-311 ..... c 08 N72-21198 *
US-PATENT-CLASS-307-311 ..... c 09 N73-14214 *
US-PATENT-CLASS-307-311 ..... c 33 N92-16196 *
US-PATENT-CLASS-307-313 ..... c 10 N72-20221 *
US-PATENT-CLASS-307-317 ..... c 09 N72-22200 *
US-PATENT-CLASS-307-317 ..... c 09 N72-22201 *
US-PATENT-CLASS-307-31 ..... c 44 N87-21410 *
US-PATENT-CLASS-307-321 ..... c 33 N75-19520 *
US-PATENT-CLASS-307-321 ..... c 33 N75-25041 *
US-PATENT-CLASS-307-322 ..... c 10 N72-22236 *
US-PATENT-CLASS-307-323 ..... c 10 N72-22236 *
US-PATENT-CLASS-307-350 ..... c 33 N78-18308 *
US-PATENT-CLASS-307-352 ..... c 33 N81-27396 *
US-PATENT-CLASS-307-353 ..... c 33 N81-27396 *
US-PATENT-CLASS-307-353 ..... c 33 N91-26438 *
US-PATENT-CLASS-307-354 ..... c 33 N87-21235 *
US-PATENT-CLASS-307-35 ..... c 33 N74-34638 *
US-PATENT-CLASS-307-360 ..... c 33 N78-18308 *
US-PATENT-CLASS-307-38 ..... c 03 N73-31988 *
US-PATENT-CLASS-307-415 ..... c 33 N82-24418 *
US-PATENT-CLASS-307-425 ..... c 36 N87-25567 *
US-PATENT-CLASS-307-490 ..... c 33 N87-22895 *
US-PATENT-CLASS-307-520 ..... c 33 N85-29145 *
US-PATENT-CLASS-307-521 ..... c 33 N85-29145 *
US-PATENT-CLASS-307-529 ..... c 33 N85-29145 *
US-PATENT-CLASS-307-53 ..... c 10 N71-26626 *
US-PATENT-CLASS-307-53 ..... c 33 N78-17296 *
US-PATENT-CLASS-307-542.1 .... c 63 N94-29466 *
US-PATENT-CLASS-307-566 ..... c 33 N86-20672 *
US-PATENT-CLASS-307-570 ..... c 33 N86-20672 *
US-PATENT-CLASS-307-572 ..... c 33 N86-20672 *
US-PATENT-CLASS-307-63 ..... c 44 N80-14472 *
US-PATENT-CLASS-307-64 ..... c 33 N77-30365 *
US-PATENT-CLASS-307-64 ..... c 44 N85-21769 *
US-PATENT-CLASS-307-64 ..... c 44 N87-21410 *
US-PATENT-CLASS-307-66 ..... c 44 N80-14472 *
US-PATENT-CLASS-307-66 ..... c 44 N85-21769 *
US-PATENT-CLASS-307-66 ..... c 44 N87-21410 *
US-PATENT-CLASS-307-69 ..... c 33 N78-17296 *
US-PATENT-CLASS-307-80 ..... c 44 N87-21410 *
US-PATENT-CLASS-307-81 ..... c 09 N72-17157 *
US-PATENT-CLASS-307-82 ..... c 33 N79-24254 *
US-PATENT-CLASS-307-82 ..... c 33 N85-29147 *
US-PATENT-CLASS-307-83 ..... c 09 N72-25262 *
US-PATENT-CLASS-307-87 ..... c 33 N84-33660 *
US-PATENT-CLASS-307-88.3 ..... c 09 N72-25258 *
US-PATENT-CLASS-307-88.5 ..... c 09 N70-34819 *
US-PATENT-CLASS-307-88.5 ..... c 09 N70-40272 *
US-PATENT-CLASS-307-88.5 ..... c 09 N70-41675 *
US-PATENT-CLASS-307-88.5 ..... c 10 N70-42032 *
US-PATENT-CLASS-307-88.5 ..... c 09 N71-10673 *
US-PATENT-CLASS-307-88.5 ..... c 10 N71-15910 *
US-PATENT-CLASS-307-88.5 ..... c 10 N71-16042 *
US-PATENT-CLASS-307-88.5 ..... c 10 N71-28739 *
US-PATENT-CLASS-307-88MP .... c 09 N72-22197 *
US-PATENT-CLASS-307-88 ..... c 08 N70-34743 *
US-PATENT-CLASS-307-88 ..... c 09 N70-38604 *
US-PATENT-CLASS-307-88 ..... c 09 N71-24803 *
US-PATENT-CLASS-307-88 ..... c 09 N71-26000 *
US-PATENT-CLASS-307-92 ..... c 09 N72-27227 *
US-PATENT-CLASS-307-98 ..... c 33 N79-28415 *
US-PATENT-CLASS-308-DIG.1 .... c 15 N72-17451 *
US-PATENT-CLASS-308-DIG.1 .... c 37 N79-10418 *
US-PATENT-CLASS-308-DIG.8 .... c 24 N79-17916 *
US-PATENT-CLASS-308-DIG.9 .... c 24 N79-17916 *
US-PATENT-CLASS-308-10 ..... c 15 N71-22997 *
US-PATENT-CLASS-308-10 ..... c 15 N72-33476 *
US-PATENT-CLASS-308-10 ..... c 35 N74-18323 *
US-PATENT-CLASS-308-10 ..... c 37 N75-18574 *
US-PATENT-CLASS-308-10 ..... c 37 N76-18459 *
US-PATENT-CLASS-308-10 ..... c 37 N77-17464 *
US-PATENT-CLASS-308-10 ..... c 44 N78-24608 *
US-PATENT-CLASS-308-10 ..... c 37 N78-27424 *
US-PATENT-CLASS-308-10 ..... c 35 N79-26372 *
US-PATENT-CLASS-308-10 ..... c 71 N81-15767 *
US-PATENT-CLASS-308-10 ..... c 44 N83-28574 *
US-PATENT-CLASS-308-10 ..... c 37 N83-32067 *
US-PATENT-CLASS-308-10 ..... c 37 N83-34323 *
US-PATENT-CLASS-308-10 ..... c 71 N83-36846 *
US-PATENT-CLASS-308-10 ..... c 37 N85-20337 *
US-PATENT-CLASS-308-121 ..... c 37 N74-32921 *
US-PATENT-CLASS-308-121 ..... c 37 N75-30562 *
US-PATENT-CLASS-308-121 ..... c 37 N79-10418 *
US-PATENT-CLASS-308-122 ..... c 37 N76-15461 *
US-PATENT-CLASS-308-160 ..... c 37 N76-15461 *
US-PATENT-CLASS-308-160 ..... c 37 N76-29588 *
US-PATENT-CLASS-308-160 ..... c 37 N79-10418 *
US-PATENT-CLASS-308-163 ..... c 37 N76-29588 *
US-PATENT-CLASS-308-163 ..... c 37 N79-10418 *
US-PATENT-CLASS-308-168 ..... c 24 N79-17916 *
US-PATENT-CLASS-308-170 ..... c 15 N71-28465 *
US-PATENT-CLASS-308-170 ..... c 37 N76-29588 *
US-PATENT-CLASS-308-171 ..... c 24 N79-17916 *
US-PATENT-CLASS-308-172 ..... c 37 N79-10418 *
US-PATENT-CLASS-308-174 ..... c 54 N75-12616 *
US-PATENT-CLASS-308-176 ..... c 15 N71-22982 *
US-PATENT-CLASS-308-177 ..... c 15 N71-29136 *
US-PATENT-CLASS-308-187 ..... c 15 N71-26189 *
US-PATENT-CLASS-308-188 ..... c 15 N73-30458 *
US-PATENT-CLASS-308-188 ..... c 37 N74-21064 *
US-PATENT-CLASS-308-191 ..... c 37 N74-21064 *
US-PATENT-CLASS-308-191 ..... c 37 N75-31446 *
US-PATENT-CLASS-308-193 ..... c 15 N73-30458 *
US-PATENT-CLASS-308-194 ..... c 37 N79-11404 *
US-PATENT-CLASS-308-195 ..... c 15 N72-22490 *
US-PATENT-CLASS-308-195 ..... c 37 N75-31446 *
US-PATENT-CLASS-308-195 ..... c 37 N77-32500 *
US-PATENT-CLASS-308-195 ..... c 37 N77-32501 *
US-PATENT-CLASS-308-1 ..... c 31 N71-26537 *
US-PATENT-CLASS-308-2A ..... c 15 N72-26371 *
US-PATENT-CLASS-308-2A ..... c 15 N73-12488 *
US-PATENT-CLASS-308-2A ..... c 37 N84-12492 *
US-PATENT-CLASS-308-201 ..... c 37 N75-31446 *
US-PATENT-CLASS-308-2 ..... c 15 N71-23812 *
US-PATENT-CLASS-308-35 ..... c 15 N73-32359 *
US-PATENT-CLASS-308-5R ..... c 37 N77-28486 *
US-PATENT-CLASS-308-5R ..... c 37 N79-10418 *
US-PATENT-CLASS-308-5 ..... c 15 N71-10617 *
US-PATENT-CLASS-308-5 ..... c 15 N72-11388 *
US-PATENT-CLASS-308-5 ..... c 15 N72-17451 *
US-PATENT-CLASS-308-72 ..... c 37 N76-15461 *
US-PATENT-CLASS-308-72 ..... c 37 N77-32500 *
US-PATENT-CLASS-308-72 ..... c 37 N79-11404 *
US-PATENT-CLASS-308-73 ..... c 37 N74-21061 *
US-PATENT-CLASS-308-73 ..... c 37 N75-30562 *
US-PATENT-CLASS-308-73 ..... c 37 N76-15461 *
US-PATENT-CLASS-308-73 ..... c 37 N77-28486 *
US-PATENT-CLASS-308-78 ..... c 24 N79-17916 *
US-PATENT-CLASS-308-87R ..... c 24 N79-17916 *
US-PATENT-CLASS-308-9 ..... c 15 N70-34664 *
US-PATENT-CLASS-308-9 ..... c 15 N70-38620 *
US-PATENT-CLASS-308-9 ..... c 15 N70-39896 *
US-PATENT-CLASS-308-9 ..... c 15 N71-20739 *
US-PATENT-CLASS-308-9 ..... c 14 N71-26627 *
US-PATENT-CLASS-308-9 ..... c 15 N72-17451 *
US-PATENT-CLASS-308-9 ..... c 15 N73-32359 *
US-PATENT-CLASS-308-9 ..... c 37 N76-15461 *
US-PATENT-CLASS-308-9 ..... c 37 N77-28486 *
US-PATENT-CLASS-308-9 ..... c 37 N79-10418 *
US-PATENT-CLASS-31-35 ..... c 31 N85-21404 *
US-PATENT-CLASS-310-101 ..... c 15 N71-24696 *
US-PATENT-CLASS-310-10 ..... c 03 N69-39890 * #
US-PATENT-CLASS-310-10 ..... c 09 N71-23443 *
US-PATENT-CLASS-310-10 ..... c 09 N71-24904 *
US-PATENT-CLASS-310-10 ..... c 09 N72-25255 *
US-PATENT-CLASS-310-10 ..... c 20 N75-24837 *
US-PATENT-CLASS-310-111 ..... c 33 N77-26387 *
US-PATENT-CLASS-310-112 ..... c 37 N92-33634 *
US-PATENT-CLASS-310-11 ..... c 25 N69-21929 * #
US-PATENT-CLASS-310-11 ..... c 03 N69-39983 * #
US-PATENT-CLASS-310-11 ..... c 03 N70-36803 *
US-PATENT-CLASS-310-11 ..... c 14 N72-22439 *
US-PATENT-CLASS-310-11 ..... c 12 N72-25292 *
US-PATENT-CLASS-310-11 ..... c 35 N74-21018 *
US-PATENT-CLASS-310-11 ..... c 36 N75-32441 *
US-PATENT-CLASS-310-11 ..... c 44 N83-28573 *
US-PATENT-CLASS-310-11 ..... c 27 N91-14489 *
US-PATENT-CLASS-310-12 ..... c 33 N82-24421 *
US-PATENT-CLASS-310-12 ..... c 37 N83-32067 *
US-PATENT-CLASS-310-153 ..... c 44 N78-24608 *
US-PATENT-CLASS-310-154 ..... c 44 N78-24608 *
US-PATENT-CLASS-310-154 ..... c 35 N84-28017 *
US-PATENT-CLASS-310-15 ..... c 09 N72-25255 *
US-PATENT-CLASS-310-15 ..... c 44 N83-28574 *
US-PATENT-CLASS-310-15 ..... c 33 N87-23904 *
US-PATENT-CLASS-310-168 ..... c 09 N71-25999 *
US-PATENT-CLASS-310-168 ..... c 33 N77-26387 *
US-PATENT-CLASS-310-171 ..... c 35 N84-28017 *
US-PATENT-CLASS-310-178 ..... c 44 N78-24608 *
US-PATENT-CLASS-310-20 ..... c 71 N79-20827 *
US-PATENT-CLASS-310-22 ..... c 31 N85-21404 *
US-PATENT-CLASS-310-231 ..... c 33 N79-20314 *
US-PATENT-CLASS-310-254 ..... c 09 N71-25999 *
US-PATENT-CLASS-310-265 ..... c 33 N92-15331 *
US-PATENT-CLASS-310-269 ..... c 44 N78-24608 *
US-PATENT-CLASS-310-26 ..... c 71 N79-20827 *
US-PATENT-CLASS-310-26 ..... c 33 N92-15331 *
US-PATENT-CLASS-310-2 ..... c 03 N72-23048 *
US-PATENT-CLASS-310-300 ..... c 71 N84-23233 *
US-PATENT-CLASS-310-306 ..... c 33 N80-18287 *
US-PATENT-CLASS-310-306 ..... c 44 N83-32175 *
US-PATENT-CLASS-310-306 ..... c 34 N85-29179 *

US-PATENT-CLASS-310-306 ..... c 37 N87-23970 *
US-PATENT-CLASS-310-308 ..... c 33 N92-22042 *
US-PATENT-CLASS-310-309 ..... c 33 N92-22042 *
US-PATENT-CLASS-310-30 ..... c 44 N80-29834 *
US-PATENT-CLASS-310-30 ..... c 33 N87-23904 *
US-PATENT-CLASS-310-311 ..... c 35 N80-20559 *
US-PATENT-CLASS-310-317 ..... c 35 N84-22932 *
US-PATENT-CLASS-310-319 ..... c 33 N80-23559 *
US-PATENT-CLASS-310-322 ..... c 71 N79-20827 *
US-PATENT-CLASS-310-323 ..... c 71 N91-14808 *
US-PATENT-CLASS-310-324 ..... c 33 N86-20671 *
US-PATENT-CLASS-310-325 ..... c 71 N91-14808 *
US-PATENT-CLASS-310-326 ..... c 38 N79-14398 *
US-PATENT-CLASS-310-327 ..... c 35 N80-20559 *
US-PATENT-CLASS-310-330 ..... c 76 N91-14872 *
US-PATENT-CLASS-310-331 ..... c 76 N91-14872 *
US-PATENT-CLASS-310-332 ..... c 76 N83-34796 *
US-PATENT-CLASS-310-334 ..... c 71 N79-20827 *
US-PATENT-CLASS-310-334 ..... c 35 N80-20559 *
US-PATENT-CLASS-310-334 ..... c 35 N84-22932 *
US-PATENT-CLASS-310-334 ..... c 71 N91-14808 *
US-PATENT-CLASS-310-336 ..... c 38 N79-14398 *
US-PATENT-CLASS-310-338 ..... c 35 N89-14407 *
US-PATENT-CLASS-310-339 ..... c 76 N91-14872 *
US-PATENT-CLASS-310-340 ..... c 76 N91-14872 *
US-PATENT-CLASS-310-360 ..... c 35 N80-20559 *
US-PATENT-CLASS-310-366 ..... c 35 N84-22932 *
US-PATENT-CLASS-310-4A ..... c 37 N77-19458 *
US-PATENT-CLASS-310-4R ..... c 33 N74-27683 *
US-PATENT-CLASS-310-4R ..... c 73 N77-18891 *
US-PATENT-CLASS-310-40 ..... c 20 N75-24837 *
US-PATENT-CLASS-310-42 ..... c 14 N72-22439 *
US-PATENT-CLASS-310-46 ..... c 33 N79-20314 *
US-PATENT-CLASS-310-4 ..... c 09 N69-21313 * #
US-PATENT-CLASS-310-4 ..... c 03 N69-39898 * #
US-PATENT-CLASS-310-4 ..... c 09 N69-39929 * #
US-PATENT-CLASS-310-4 ..... c 03 N70-34134 *
US-PATENT-CLASS-310-4 ..... c 03 N71-11055 *
US-PATENT-CLASS-310-4 ..... c 22 N71-23599 *
US-PATENT-CLASS-310-4 ..... c 09 N71-24807 *
US-PATENT-CLASS-310-4 ..... c 33 N71-27862 *
US-PATENT-CLASS-310-4 ..... c 09 N71-28421 *
US-PATENT-CLASS-310-4 ..... c 09 N72-25260 *
US-PATENT-CLASS-310-4 ..... c 09 N72-27228 *
US-PATENT-CLASS-310-4 ..... c 20 N75-24837 *
US-PATENT-CLASS-310-4 ..... c 36 N75-30524 *
US-PATENT-CLASS-310-4 ..... c 44 N76-16612 *
US-PATENT-CLASS-310-51 ..... c 15 N71-27169 *
US-PATENT-CLASS-310-52 ..... c 20 N75-24837 *
US-PATENT-CLASS-310-54 ..... c 09 N71-20446 *
US-PATENT-CLASS-310-5 ..... c 03 N70-35408 *
US-PATENT-CLASS-310-68B ..... c 35 N84-28017 *
US-PATENT-CLASS-310-68 ..... c 15 N72-25456 *
US-PATENT-CLASS-310-77 ..... c 37 N85-30333 *
US-PATENT-CLASS-310-8.2 ..... c 35 N76-15432 *
US-PATENT-CLASS-310-8.5 ..... c 14 N71-22993 *
US-PATENT-CLASS-310-800 ..... c 76 N83-34796 *
US-PATENT-CLASS-310-80 ..... c 15 N72-25456 *
US-PATENT-CLASS-310-82 ..... c 33 N79-20314 *
US-PATENT-CLASS-310-82 ..... c 37 N92-33634 *
US-PATENT-CLASS-310-83 ..... c 15 N72-25456 *
US-PATENT-CLASS-310-83 ..... c 33 N92-15331 *
US-PATENT-CLASS-310-9.1 ..... c 15 N71-21311 *
US-PATENT-CLASS-310-90.5 ..... c 37 N87-17038 *
US-PATENT-CLASS-310-90.5 ..... c 37 N91-21539 *
US-PATENT-CLASS-310-90.5 ..... c 70 N91-21824 *
US-PATENT-CLASS-310-90.5 ..... c 37 N92-29099 *
US-PATENT-CLASS-310-93 ..... c 15 N71-17652 *
US-PATENT-CLASS-310-93 ..... c 37 N85-30333 *
US-PATENT-CLASS-311-37 ..... c 35 N75-29380 *
US-PATENT-CLASS-312-196 ..... c 54 N88-24163 *
US-PATENT-CLASS-312-1 ..... c 05 N71-23080 *
US-PATENT-CLASS-312-1 ..... c 05 N73-20137 *
US-PATENT-CLASS-312-1 ..... c 37 N74-20063 *
US-PATENT-CLASS-312-208 ..... c 54 N88-24163 *
US-PATENT-CLASS-312-209 ..... c 37 N74-18123 *
US-PATENT-CLASS-312-257 ..... c 31 N72-22874 *
US-PATENT-CLASS-312-282 ..... c 09 N94-23310 *
US-PATENT-CLASS-312-296 ..... c 09 N71-18600 *
US-PATENT-CLASS-312-300 ..... c 54 N88-24163 *
US-PATENT-CLASS-312-319 ..... c 37 N79-33467 *
US-PATENT-CLASS-312-7.2 ..... c 54 N88-24163 *
US-PATENT-CLASS-313-DIG.8 .... c 28 N73-24783 *
US-PATENT-CLASS-313-104 ..... c 14 N73-32317 *
US-PATENT-CLASS-313-106 ..... c 24 N83-10117 *
US-PATENT-CLASS-313-106 ..... c 70 N84-28565 *
US-PATENT-CLASS-313-106 ..... c 31 N86-32587 *
US-PATENT-CLASS-313-107 ..... c 24 N83-10117 *
US-PATENT-CLASS-313-107 ..... c 70 N84-28565 *
US-PATENT-CLASS-313-107 ..... c 31 N86-32587 *
US-PATENT-CLASS-313-109.5 .... c 09 N71-33519 *
US-PATENT-CLASS-313-11.5 ..... c 28 N70-39925 *
US-PATENT-CLASS-313-110 ..... c 09 N71-12521 *
US-PATENT-CLASS-313-131A .... c 33 N85-21491 *
US-PATENT-CLASS-313-146 ..... c 33 N77-22386 *
US-PATENT-CLASS-313-153 ..... c 33 N74-12913 *
US-PATENT-CLASS-313-156 ..... c 25 N70-34661 *
US-PATENT-CLASS-313-156 ..... c 72 N80-27163 *
US-PATENT-CLASS-313-161 ..... c 25 N73-25760 *
US-PATENT-CLASS-313-161 ..... c 09 N73-30181 *
US-PATENT-CLASS-313-161 ..... c 33 N77-21315 *
US-PATENT-CLASS-313-175 ..... c 33 N77-21316 *
US-PATENT-CLASS-313-175 ..... c 31 N78-17238 *
US-PATENT-CLASS-313-176 ..... c 31 N78-17238 *
US-PATENT-CLASS-313-180 ..... c 33 N77-21316 *
US-PATENT-CLASS-313-180 ..... c 31 N78-17238 *
US-PATENT-CLASS-313-182 ..... c 33 N77-22386 *
US-PATENT-CLASS-313-184 ..... c 33 N77-21315 *
US-PATENT-CLASS-313-184 ..... c 33 N77-21316 *
US-PATENT-CLASS-313-184 ..... c 31 N78-17238 *
US-PATENT-CLASS-313-186 ..... c 25 N72-24753 *
US-PATENT-CLASS-313-209 ..... c 33 N74-12913 *
US-PATENT-CLASS-313-212 ..... c 25 N72-24753 *
US-PATENT-CLASS-313-217 ..... c 28 N73-27699 *
US-PATENT-CLASS-313-217 ..... c 33 N74-12913 *
US-PATENT-CLASS-313-218 ..... c 28 N73-27699 *
US-PATENT-CLASS-313-224 ..... c 25 N72-24753 *
US-PATENT-CLASS-313-224 ..... c 33 N74-12913 *
US-PATENT-CLASS-313-224 ..... c 33 N77-21315 *
US-PATENT-CLASS-313-224 ..... c 31 N78-17238 *
US-PATENT-CLASS-313-22 ..... c 09 N71-26787 *
US-PATENT-CLASS-313-22 ..... c 31 N78-17237 *
US-PATENT-CLASS-313-22 ..... c 31 N78-25256 *
US-PATENT-CLASS-313-22 ..... c 34 N79-20336 *
US-PATENT-CLASS-313-230 ..... c 28 N71-28850 *
US-PATENT-CLASS-313-230 ..... c 28 N73-27699 *
US-PATENT-CLASS-313-230 ..... c 20 N77-20162 *
US-PATENT-CLASS-313-231.3 .... c 20 N77-20162 *
US-PATENT-CLASS-313-231.3 .... c 75 N78-27913 *
US-PATENT-CLASS-313-231.4 .... c 20 N77-10148 *
US-PATENT-CLASS-313-231.4 .... c 72 N80-33186 *
US-PATENT-CLASS-313-231 ..... c 06 N69-39889 * #
US-PATENT-CLASS-313-231 ..... c 09 N71-23190 *
US-PATENT-CLASS-313-231 ..... c 09 N71-33519 *
US-PATENT-CLASS-313-231 ..... c 25 N72-24753 *
US-PATENT-CLASS-313-231 ..... c 25 N72-32688 *
US-PATENT-CLASS-313-231 ..... c 28 N73-24783 *
US-PATENT-CLASS-313-231 ..... c 25 N73-25760 *
US-PATENT-CLASS-313-236 ..... c 09 N71-26182 *
US-PATENT-CLASS-313-237 ..... c 09 N71-26182 *
US-PATENT-CLASS-313-237 ..... c 33 N87-28832 *
US-PATENT-CLASS-313-240 ..... c 20 N77-10148 *
US-PATENT-CLASS-313-250 ..... c 31 N76-31365 *
US-PATENT-CLASS-313-271 ..... c 25 N71-20747 *
US-PATENT-CLASS-313-278 ..... c 33 N87-28832 *
US-PATENT-CLASS-313-306 ..... c 31 N76-31365 *
US-PATENT-CLASS-313-309 ..... c 10 N72-27246 *
US-PATENT-CLASS-313-309 ..... c 31 N76-31365 *
US-PATENT-CLASS-313-311 ..... c 73 N77-18891 *
US-PATENT-CLASS-313-32 ..... c 33 N74-12913 *
US-PATENT-CLASS-313-32 ..... c 33 N77-21315 *
US-PATENT-CLASS-313-336 ..... c 10 N72-27246 *
US-PATENT-CLASS-313-338 ..... c 31 N76-31365 *
US-PATENT-CLASS-313-348 ..... c 35 N82-24471 *
US-PATENT-CLASS-313-351 ..... c 10 N72-27246 *
US-PATENT-CLASS-313-351 ..... c 70 N84-28565 *
US-PATENT-CLASS-313-352 ..... c 09 N71-22987 *
US-PATENT-CLASS-313-355 ..... c 28 N73-27699 *
US-PATENT-CLASS-313-356 ..... c 14 N72-29464 *
US-PATENT-CLASS-313-359.1 .... c 72 N87-21660 *
US-PATENT-CLASS-313-35 ..... c 34 N79-20336 *
US-PATENT-CLASS-313-360 ..... c 20 N77-20162 *
US-PATENT-CLASS-313-361.1 .... c 72 N87-21660 *
US-PATENT-CLASS-313-361 ..... c 20 N77-10148 *
US-PATENT-CLASS-313-362.1 .... c 72 N87-21660 *
US-PATENT-CLASS-313-362 ..... c 72 N80-27163 *
US-PATENT-CLASS-313-362 ..... c 72 N80-33186 *
US-PATENT-CLASS-313-363 ..... c 72 N80-27163 *
US-PATENT-CLASS-313-442 ..... c 74 N78-18905 *
US-PATENT-CLASS-313-44 ..... c 15 N69-24319 * #
US-PATENT-CLASS-313-502 ..... c 76 N91-21911 *
US-PATENT-CLASS-313-502 ..... c 74 N91-31950 *
US-PATENT-CLASS-313-503 ..... c 76 N91-21911 *
US-PATENT-CLASS-313-503 ..... c 74 N91-31950 *
US-PATENT-CLASS-313-505 ..... c 33 N87-28831 *
US-PATENT-CLASS-313-506 ..... c 33 N87-28831 *
US-PATENT-CLASS-313-506 ..... c 76 N91-21911 *
US-PATENT-CLASS-313-506 ..... c 74 N91-31950 *
US-PATENT-CLASS-313-509 ..... c 33 N87-28831 *
US-PATENT-CLASS-313-509 ..... c 74 N91-31950 *
US-PATENT-CLASS-313-60 ..... c 33 N77-22386 *
US-PATENT-CLASS-313-61S ..... c 73 N74-26767 *
US-PATENT-CLASS-313-61S ..... c 37 N78-13436 *
US-PATENT-CLASS-313-63 ..... c 28 N70-41576 *
US-PATENT-CLASS-313-63 ..... c 09 N71-10618 *
US-PATENT-CLASS-313-63 ..... c 28 N71-26781 *
US-PATENT-CLASS-313-63 ..... c 28 N73-24783 *
US-PATENT-CLASS-313-63 ..... c 28 N73-27699 *
US-PATENT-CLASS-313-63 ..... c 75 N75-13625 *
US-PATENT-CLASS-313-7 ..... c 14 N71-18482 *
US-PATENT-CLASS-313-7 ..... c 14 N73-32324 *
US-PATENT-CLASS-313-93 ..... c 35 N74-26949 *
US-PATENT-CLASS-313-93 ..... c 35 N82-24471 *
US-PATENT-CLASS-313-94 ..... c 33 N76-31409 *
US-PATENT-CLASS-313-94 ..... c 74 N78-18905 *
US-PATENT-CLASS-314-129 ..... c 15 N69-24266 * #
US-PATENT-CLASS-315-DIG.2 .... c 16 N73-32391 *
US-PATENT-CLASS-315-101 ..... c 16 N73-32391 *
US-PATENT-CLASS-315-108 ..... c 09 N71-33519 *
US-PATENT-CLASS-315-108 ..... c 33 N77-21316 *
US-PATENT-CLASS-315-108 ..... c 36 N78-17366 *
US-PATENT-CLASS-315-10 ..... c 33 N74-21850 *
US-PATENT-CLASS-315-10 ..... c 33 N75-26244 *
US-PATENT-CLASS-315-110 ..... c 33 N77-21316 *
US-PATENT-CLASS-315-111.2 .... c 75 N78-27913 *
US-PATENT-CLASS-315-111.31 .. c 33 N85-21491 *
US-PATENT-CLASS-315-111.3 .... c 20 N77-10148 *
US-PATENT-CLASS-315-111.3 .... c 20 N77-20162 *
US-PATENT-CLASS-315-111.41 .. c 72 N88-24253 *
US-PATENT-CLASS-315-111.6 .... c 75 N76-14931 *
US-PATENT-CLASS-315-111.6 .... c 20 N77-20162 *
US-PATENT-CLASS-315-111.71 .. c 72 N88-24253 *
US-PATENT-CLASS-315-111.81 .. c 33 N85-21491 *
US-PATENT-CLASS-315-111.81 .. c 33 N87-21234 *
US-PATENT-CLASS-315-111.81 .. c 72 N88-24253 *
US-PATENT-CLASS-315-111 ..... c 25 N70-33267 *
US-PATENT-CLASS-315-111 ..... c 25 N70-41628 *
US-PATENT-CLASS-315-111 ..... c 25 N71-15562 *
US-PATENT-CLASS-315-111 ..... c 24 N71-16213 *
US-PATENT-CLASS-315-111 ..... c 25 N71-21693 *
US-PATENT-CLASS-315-111 ..... c 28 N71-26781 *
US-PATENT-CLASS-315-111 ..... c 25 N71-29184 *
US-PATENT-CLASS-315-111 ..... c 09 N71-33519 *
US-PATENT-CLASS-315-111 ..... c 25 N72-24753 *
US-PATENT-CLASS-315-111 ..... c 25 N72-32688 *
US-PATENT-CLASS-315-111 ..... c 14 N73-30391 *
US-PATENT-CLASS-315-111 ..... c 75 N75-13625 *
US-PATENT-CLASS-315-111 ..... c 33 N75-29318 *
US-PATENT-CLASS-315-111 ..... c 37 N75-29426 *
US-PATENT-CLASS-315-11 ..... c 33 N74-21850 *
US-PATENT-CLASS-315-12 ..... c 33 N74-21850 *
US-PATENT-CLASS-315-135 ..... c 09 N72-25250 *
US-PATENT-CLASS-315-145 ..... c 33 N80-14330 *
US-PATENT-CLASS-315-151 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-153 ..... c 14 N73-16483 *
US-PATENT-CLASS-315-153 ..... c 74 N79-12890 *
US-PATENT-CLASS-315-156 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-158 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-160 ..... c 09 N71-12540 *
US-PATENT-CLASS-315-169R .... c 23 N73-13660 *
US-PATENT-CLASS-315-169R .... c 36 N75-19652 *
US-PATENT-CLASS-315-169TV .. c 23 N73-13660 *
US-PATENT-CLASS-315-172 ..... c 33 N88-24862 *
US-PATENT-CLASS-315-173 ..... c 33 N88-24862 *
US-PATENT-CLASS-315-176 ..... c 33 N77-28385 *
US-PATENT-CLASS-315-18 ..... c 32 N74-20813 *
US-PATENT-CLASS-315-18 ..... c 33 N75-19517 *
US-PATENT-CLASS-315-200-R ... c 33 N88-23942 *
US-PATENT-CLASS-315-208 ..... c 33 N83-34189 *
US-PATENT-CLASS-315-209CD .. c 37 N79-11405 *
US-PATENT-CLASS-315-209SC .. c 37 N79-11405 *
US-PATENT-CLASS-315-211 ..... c 33 N74-20859 *
US-PATENT-CLASS-315-22R ..... c 10 N72-31273 *
US-PATENT-CLASS-315-224 ..... c 33 N83-34189 *
US-PATENT-CLASS-315-225 ..... c 33 N83-34189 *
US-PATENT-CLASS-315-227-R ... c 33 N88-23942 *
US-PATENT-CLASS-315-228 ..... c 33 N74-20859 *
US-PATENT-CLASS-315-22 ..... c 10 N72-20225 *
US-PATENT-CLASS-315-22 ..... c 32 N74-20813 *
US-PATENT-CLASS-315-22 ..... c 33 N78-17293 *
US-PATENT-CLASS-315-237 ..... c 33 N83-34189 *
US-PATENT-CLASS-315-241-R ... c 33 N88-23942 *
US-PATENT-CLASS-315-241R .... c 37 N79-11405 *
US-PATENT-CLASS-315-241R .... c 33 N83-34189 *
US-PATENT-CLASS-315-241 ..... c 09 N71-13518 *
US-PATENT-CLASS-315-248 ..... c 09 N73-30181 *
US-PATENT-CLASS-315-24 ..... c 08 N71-20571 *
US-PATENT-CLASS-315-254 ..... c 33 N88-23942 *
US-PATENT-CLASS-315-255 ..... c 33 N88-23942 *
US-PATENT-CLASS-315-258 ..... c 16 N73-32391 *
US-PATENT-CLASS-315-25 ..... c 10 N72-20225 *
US-PATENT-CLASS-315-260 ..... c 33 N80-14330 *
US-PATENT-CLASS-315-26 ..... c 09 N71-23189 *
US-PATENT-CLASS-315-276 ..... c 33 N88-23942 *
US-PATENT-CLASS-315-277 ..... c 33 N88-23942 *
US-PATENT-CLASS-315-297 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-3.5 ..... c 09 N73-13208 *
US-PATENT-CLASS-315-3.5 ..... c 33 N79-10339 *
US-PATENT-CLASS-315-3.5 ..... c 33 N82-26568 *
US-PATENT-CLASS-315-3.5 ..... c 33 N84-16452 *
US-PATENT-CLASS-315-3.5 ..... c 37 N85-33489 *
US-PATENT-CLASS-315-3.5 ..... c 33 N86-21742 *
US-PATENT-CLASS-315-3.5 ..... c 33 N90-22724 *
US-PATENT-CLASS-315-3.6 ..... c 33 N79-10339 *
US-PATENT-CLASS-315-3.6 ..... c 33 N82-24415 *
US-PATENT-CLASS-315-3.6 ..... c 33 N82-26568 *
US-PATENT-CLASS-315-3.6 ..... c 33 N84-16452 *
US-PATENT-CLASS-315-3.6 ..... c 33 N84-27974 *

US-PATENT-CLASS-315-3.6 ..... c 33 N86-21742 *
US-PATENT-CLASS-315-30R ..... c 10 N72-31273 *
US-PATENT-CLASS-315-307 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-30 ..... c 33 N75-27250 *
US-PATENT-CLASS-315-310 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-311 ..... c 14 N72-27411 *
US-PATENT-CLASS-315-324 ..... c 09 N73-30181 *
US-PATENT-CLASS-315-326 ..... c 25 N72-24753 *
US-PATENT-CLASS-315-334 ..... c 33 N80-14330 *
US-PATENT-CLASS-315-344 ..... c 33 N77-21315 *
US-PATENT-CLASS-315-349 ..... c 09 N72-25250 *
US-PATENT-CLASS-315-356 ..... c 16 N73-32391 *
US-PATENT-CLASS-315-358 ..... c 25 N72-24753 *
US-PATENT-CLASS-315-367 ..... c 33 N75-26244 *
US-PATENT-CLASS-315-369 ..... c 33 N75-26244 *
US-PATENT-CLASS-315-36 ..... c 10 N72-27246 *
US-PATENT-CLASS-315-387 ..... c 33 N75-26244 *
US-PATENT-CLASS-315-39.3 ..... c 33 N84-16452 *
US-PATENT-CLASS-315-39.3 ..... c 33 N84-27974 *
US-PATENT-CLASS-315-39.3 ..... c 33 N86-21742 *
US-PATENT-CLASS-315-3 ..... c 33 N83-31952 *
US-PATENT-CLASS-315-3 ..... c 33 N90-22724 *
US-PATENT-CLASS-315-4 ..... c 33 N83-31952 *
US-PATENT-CLASS-315-5.35 ..... c 33 N74-10195 *
US-PATENT-CLASS-315-5.35 ..... c 33 N83-31952 *
US-PATENT-CLASS-315-5.38 ..... c 09 N73-13208 *
US-PATENT-CLASS-315-5.38 ..... c 33 N74-10195 *
US-PATENT-CLASS-315-5.38 ..... c 33 N82-24415 *
US-PATENT-CLASS-315-5.38 ..... c 24 N83-10117 *
US-PATENT-CLASS-315-5.38 ..... c 33 N83-31952 *
US-PATENT-CLASS-315-5.38 ..... c 70 N84-28565 *
US-PATENT-CLASS-315-5.38 ..... c 37 N85-33489 *
US-PATENT-CLASS-315-5.38 ..... c 31 N86-32587 *
US-PATENT-CLASS-315-5.54 ..... c 37 N94-20375 *
US-PATENT-CLASS-315-5 ..... c 33 N83-31952 *
US-PATENT-CLASS-317-DIG.3 .... c 10 N71-26334 *
US-PATENT-CLASS-317-DIG.6 .... c 10 N73-26228 *
US-PATENT-CLASS-317-100 ..... c 10 N71-28783 *
US-PATENT-CLASS-317-100 ..... c 10 N73-25243 *
US-PATENT-CLASS-317-101A .... c 09 N72-33205 *
US-PATENT-CLASS-317-101A .... c 23 N73-13660 *
US-PATENT-CLASS-317-101DH .. c 15 N72-22486 *
US-PATENT-CLASS-317-101DH .. c 10 N73-25243 *
US-PATENT-CLASS-317-101 ..... c 09 N71-26133 *
US-PATENT-CLASS-317-117 ..... c 15 N72-22486 *
US-PATENT-CLASS-317-120 ..... c 15 N72-22486 *
US-PATENT-CLASS-317-122 ..... c 15 N71-18701 *
US-PATENT-CLASS-317-123 ..... c 09 N71-24892 *
US-PATENT-CLASS-317-140 ..... c 09 N70-34502 *
US-PATENT-CLASS-317-148.5 .... c 10 N71-23271 *
US-PATENT-CLASS-317-148.5 .... c 09 N71-24892 *
US-PATENT-CLASS-317-153 ..... c 10 N71-26334 *
US-PATENT-CLASS-317-155.5 .... c 09 N71-29008 *
US-PATENT-CLASS-317-157.5 .... c 15 N69-21472 * #
US-PATENT-CLASS-317-158 ..... c 15 N73-28516 *
US-PATENT-CLASS-317-158 ..... c 26 N73-28710 *
US-PATENT-CLASS-317-158 ..... c 15 N73-32361 *
US-PATENT-CLASS-317-16 ..... c 09 N69-39897 * #
US-PATENT-CLASS-317-16 ..... c 33 N74-17929 *
US-PATENT-CLASS-317-2D ..... c 33 N77-10429 *
US-PATENT-CLASS-317-20 ..... c 10 N71-26531 *
US-PATENT-CLASS-317-230 ..... c 09 N71-27232 *
US-PATENT-CLASS-317-230 ..... c 26 N72-28761 *
US-PATENT-CLASS-317-231 ..... c 09 N71-27232 *
US-PATENT-CLASS-317-234A .... c 15 N73-14469 *
US-PATENT-CLASS-317-234D .... c 14 N72-31446 *
US-PATENT-CLASS-317-234E .... c 33 N74-12951 *
US-PATENT-CLASS-317-234F .... c 33 N74-12951 *
US-PATENT-CLASS-317-234G .... c 14 N72-31446 *
US-PATENT-CLASS-317-234G .... c 15 N73-14469 *
US-PATENT-CLASS-317-234G .... c 09 N73-27150 * #
US-PATENT-CLASS-317-234J .... c 26 N72-25679 *
US-PATENT-CLASS-317-234L .... c 09 N73-27150 * #
US-PATENT-CLASS-317-234M .... c 09 N73-27150 * #
US-PATENT-CLASS-317-234M .... c 33 N74-12951 *
US-PATENT-CLASS-317-234N .... c 09 N73-27150 * #
US-PATENT-CLASS-317-234N .... c 33 N74-12951 *
US-PATENT-CLASS-317-234R .... c 09 N73-27150 * #
US-PATENT-CLASS-317-234R .... c 33 N74-12951 *
US-PATENT-CLASS-317-234V .... c 26 N72-21701 *
US-PATENT-CLASS-317-234V .... c 09 N73-15235 *
US-PATENT-CLASS-317-234 ..... c 14 N69-23191 * #
US-PATENT-CLASS-317-234 ..... c 09 N69-27422 * #
US-PATENT-CLASS-317-234 ..... c 26 N71-18064 *
US-PATENT-CLASS-317-235AG . c 09 N73-15235 *
US-PATENT-CLASS-317-235AJ ... c 26 N72-25679 *
US-PATENT-CLASS-317-235AJ ... c 09 N72-33205 *
US-PATENT-CLASS-317-235AM . c 09 N73-19235 *
US-PATENT-CLASS-317-235A .... c 26 N72-25679 *
US-PATENT-CLASS-317-235A .... c 09 N72-33205 *
US-PATENT-CLASS-317-235H .... c 35 N75-13213 *
US-PATENT-CLASS-317-235K .... c 09 N73-15235 *
US-PATENT-CLASS-317-235M .... c 14 N72-31446 *
US-PATENT-CLASS-317-235N .... c 09 N73-19235 *
US-PATENT-CLASS-317-235N .... c 35 N74-15090 *
US-PATENT-CLASS-317-235R .... c 26 N72-21701 *
US-PATENT-CLASS-317-235R .... c 26 N72-25679 *
US-PATENT-CLASS-317-235R .... c 14 N72-31446 *
US-PATENT-CLASS-317-235R .... c 09 N73-19235 *
US-PATENT-CLASS-317-235R .... c 09 N73-32112 *
US-PATENT-CLASS-317-235T .... c 09 N73-19235 *
US-PATENT-CLASS-317-235UA .. c 09 N73-19235 *
US-PATENT-CLASS-317-235WW c 09 N73-32112 *
US-PATENT-CLASS-317-235 ..... c 09 N69-24318 * #
US-PATENT-CLASS-317-235 ..... c 09 N72-33205 *
US-PATENT-CLASS-317-238 ..... c 09 N71-27232 *
US-PATENT-CLASS-317-245 ..... c 33 N79-21265 *
US-PATENT-CLASS-317-246 ..... c 14 N69-21541 * #
US-PATENT-CLASS-317-246 ..... c 33 N76-21390 *
US-PATENT-CLASS-317-246 ..... c 35 N76-22509 *
US-PATENT-CLASS-317-247 ..... c 14 N72-24477 *
US-PATENT-CLASS-317-258 ..... c 09 N71-13522 *
US-PATENT-CLASS-317-258 ..... c 33 N76-15373 *
US-PATENT-CLASS-317-261 ..... c 26 N72-28761 *
US-PATENT-CLASS-317-261 ..... c 33 N76-15373 *
US-PATENT-CLASS-317-31 ..... c 09 N71-12526 *
US-PATENT-CLASS-317-31 ..... c 10 N71-23543 *
US-PATENT-CLASS-317-31 ..... c 33 N74-17929 *
US-PATENT-CLASS-317-31 ..... c 33 N77-14333 *
US-PATENT-CLASS-317-33SC .... c 33 N74-14956 *
US-PATENT-CLASS-317-33 ..... c 10 N71-26531 *
US-PATENT-CLASS-317-33 ..... c 09 N71-27001 *
US-PATENT-CLASS-317-33 ..... c 10 N71-27366 *
US-PATENT-CLASS-317-33 ..... c 09 N71-29008 *
US-PATENT-CLASS-317-43 ..... c 33 N74-14956 *
US-PATENT-CLASS-317-46 ..... c 33 N74-14956 *
US-PATENT-CLASS-317-47 ..... c 33 N74-14956 *
US-PATENT-CLASS-317-48 ..... c 33 N74-14956 *
US-PATENT-CLASS-317-54 ..... c 09 N71-29008 *
US-PATENT-CLASS-317-60 ..... c 09 N71-29008 *
US-PATENT-CLASS-317-9 ..... c 09 N71-22796 *
US-PATENT-CLASS-317-9 ..... c 09 N71-27001 *
US-PATENT-CLASS-318-107 ..... c 44 N87-21410 *
US-PATENT-CLASS-318-116 ..... c 71 N79-20827 *
US-PATENT-CLASS-318-116 ..... c 71 N84-23233 *
US-PATENT-CLASS-318-116 ..... c 33 N87-28833 *
US-PATENT-CLASS-318-135 ..... c 33 N82-24421 *
US-PATENT-CLASS-318-135 ..... c 37 N91-21539 *
US-PATENT-CLASS-318-137 ..... c 33 N75-19524 *
US-PATENT-CLASS-318-138 ..... c 09 N71-10677 *
US-PATENT-CLASS-318-138 ..... c 14 N71-17585 *
US-PATENT-CLASS-318-138 ..... c 10 N71-18772 *
US-PATENT-CLASS-318-138 ..... c 09 N71-25999 *
US-PATENT-CLASS-318-138 ..... c 33 N77-26386 *
US-PATENT-CLASS-318-138 ..... c 33 N81-20352 * #
US-PATENT-CLASS-318-138 ..... c 33 N87-21233 *
US-PATENT-CLASS-318-15 ..... c 37 N80-32716 *
US-PATENT-CLASS-318-161 ..... c 44 N87-21410 *
US-PATENT-CLASS-318-167 ..... c 33 N75-19524 *
US-PATENT-CLASS-318-176 ..... c 33 N75-19524 *
US-PATENT-CLASS-318-183 ..... c 33 N75-19524 *
US-PATENT-CLASS-318-20.105 .. c 08 N71-27057 *
US-PATENT-CLASS-318-200 ..... c 33 N78-10376 *
US-PATENT-CLASS-318-227 ..... c 07 N71-33613 *
US-PATENT-CLASS-318-227 ..... c 33 N75-15874 *
US-PATENT-CLASS-318-227 ..... c 33 N77-26386 *
US-PATENT-CLASS-318-227 ..... c 33 N78-10376 *
US-PATENT-CLASS-318-22 ..... c 15 N71-17694 *
US-PATENT-CLASS-318-230 ..... c 07 N71-33613 *
US-PATENT-CLASS-318-230 ..... c 10 N73-32145 *
US-PATENT-CLASS-318-230 ..... c 33 N75-15874 *
US-PATENT-CLASS-318-230 ..... c 33 N78-10376 *
US-PATENT-CLASS-318-231 ..... c 10 N73-32145 *
US-PATENT-CLASS-318-231 ..... c 33 N75-15874 *
US-PATENT-CLASS-318-254 ..... c 09 N71-25999 *
US-PATENT-CLASS-318-254 ..... c 09 N73-32107 *
US-PATENT-CLASS-318-254 ..... c 33 N77-26386 *
US-PATENT-CLASS-318-254 ..... c 33 N81-20352 * #
US-PATENT-CLASS-318-254 ..... c 33 N82-26569 *
US-PATENT-CLASS-318-254 ..... c 33 N87-21233 *
US-PATENT-CLASS-318-257 ..... c 10 N71-18724 *
US-PATENT-CLASS-318-258 ..... c 09 N71-26092 *
US-PATENT-CLASS-318-260 ..... c 09 N70-38712 *
US-PATENT-CLASS-318-265 ..... c 15 N71-24895 *
US-PATENT-CLASS-318-267 ..... c 37 N77-27400 *
US-PATENT-CLASS-318-308 ..... c 11 N72-20244 *
US-PATENT-CLASS-318-314 ..... c 10 N71-20448 *
US-PATENT-CLASS-318-314 ..... c 09 N75-24758 *
US-PATENT-CLASS-318-317 ..... c 09 N71-28886 *
US-PATENT-CLASS-318-318 ..... c 09 N71-24805 *
US-PATENT-CLASS-318-318 ..... c 09 N75-24758 *
US-PATENT-CLASS-318-31 ..... c 15 N71-28952 *
US-PATENT-CLASS-318-327 ..... c 11 N72-20244 *
US-PATENT-CLASS-318-328 ..... c 09 N73-32107 *
US-PATENT-CLASS-318-331 ..... c 09 N71-28886 *
US-PATENT-CLASS-318-341 ..... c 10 N73-32145 *
US-PATENT-CLASS-318-341 ..... c 09 N75-24758 *
US-PATENT-CLASS-318-345 ..... c 09 N71-28886 *
US-PATENT-CLASS-318-376 ..... c 10 N71-16030 *
US-PATENT-CLASS-318-376 ..... c 11 N72-20244 *
US-PATENT-CLASS-318-382 ..... c 15 N71-24695 *
US-PATENT-CLASS-318-434 ..... c 33 N90-21951 *
US-PATENT-CLASS-318-438 ..... c 33 N84-22885 *
US-PATENT-CLASS-318-439 ..... c 33 N81-20352 * #
US-PATENT-CLASS-318-439 ..... c 33 N87-21233 *
US-PATENT-CLASS-318-468 ..... c 37 N77-27400 *
US-PATENT-CLASS-318-46 ..... c 44 N85-21769 *
US-PATENT-CLASS-318-470 ..... c 37 N77-27400 *
US-PATENT-CLASS-318-489 ..... c 02 N73-19004 *
US-PATENT-CLASS-318-48 ..... c 37 N86-27629 *
US-PATENT-CLASS-318-504 ..... c 09 N71-28886 *
US-PATENT-CLASS-318-560 ..... c 37 N94-10654 *
US-PATENT-CLASS-318-561 ..... c 33 N82-18493 *
US-PATENT-CLASS-318-561 ..... c 33 N90-21951 *
US-PATENT-CLASS-318-561 ..... c 37 N91-21544 *
US-PATENT-CLASS-318-561 ..... c 63 N94-29504 *
US-PATENT-CLASS-318-564 ..... c 60 N82-29013 *
US-PATENT-CLASS-318-567 ..... c 63 N92-33019 *
US-PATENT-CLASS-318-568.11 .. c 63 N91-31885 *
US-PATENT-CLASS-318-568.11 .. c 63 N92-33019 *
US-PATENT-CLASS-318-568.11 .. c 37 N94-10654 *
US-PATENT-CLASS-318-568.12 .. c 37 N94-10654 *
US-PATENT-CLASS-318-568.16 .. c 37 N91-21542 *
US-PATENT-CLASS-318-568.17 .. c 37 N94-10654 *
US-PATENT-CLASS-318-568.19 .. c 63 N92-33019 *
US-PATENT-CLASS-318-568.1 .... c 33 N91-31528 *
US-PATENT-CLASS-318-568.1 .... c 37 N94-10670 *
US-PATENT-CLASS-318-568.1 .... c 63 N94-29504 *
US-PATENT-CLASS-318-568.20 .. c 37 N91-21542 *
US-PATENT-CLASS-318-568.21 .. c 37 N91-21542 *
US-PATENT-CLASS-318-568.21 .. c 37 N94-10654 *
US-PATENT-CLASS-318-568.2 .... c 33 N91-31528 *
US-PATENT-CLASS-318-571 ..... c 10 N71-27136 *
US-PATENT-CLASS-318-573 ..... c 35 N79-14348 *
US-PATENT-CLASS-318-573 ..... c 33 N91-31528 *
US-PATENT-CLASS-318-573 ..... c 63 N91-31885 *
US-PATENT-CLASS-318-576 ..... c 09 N72-21246 *
US-PATENT-CLASS-318-577 ..... c 37 N86-21850 *
US-PATENT-CLASS-318-580 ..... c 08 N74-10942 *
US-PATENT-CLASS-318-580 ..... c 04 N82-23231 *
US-PATENT-CLASS-318-584 ..... c 08 N81-24106 *
US-PATENT-CLASS-318-584 ..... c 08 N86-27288 *
US-PATENT-CLASS-318-585 ..... c 08 N79-23097 *
US-PATENT-CLASS-318-587 ..... c 35 N84-33769 *
US-PATENT-CLASS-318-594 ..... c 35 N79-14348 *
US-PATENT-CLASS-318-599 ..... c 10 N71-24861 *
US-PATENT-CLASS-318-602 ..... c 33 N74-29556 *
US-PATENT-CLASS-318-603 ..... c 33 N74-29556 *
US-PATENT-CLASS-318-605 ..... c 31 N86-29055 *
US-PATENT-CLASS-318-608 ..... c 33 N75-13139 *
US-PATENT-CLASS-318-611 ..... c 37 N85-30333 *
US-PATENT-CLASS-318-615 ..... c 33 N90-21951 *
US-PATENT-CLASS-318-616 ..... c 08 N79-23097 *
US-PATENT-CLASS-318-618 ..... c 33 N90-21951 *
US-PATENT-CLASS-318-620 ..... c 33 N82-18493 *
US-PATENT-CLASS-318-621 ..... c 33 N82-18493 *
US-PATENT-CLASS-318-622 ..... c 33 N82-18493 *
US-PATENT-CLASS-318-628 ..... c 08 N74-10942 *
US-PATENT-CLASS-318-628 ..... c 37 N91-21544 *
US-PATENT-CLASS-318-628 ..... c 63 N94-29504 *
US-PATENT-CLASS-318-632 ..... c 37 N86-27629 *
US-PATENT-CLASS-318-636 ..... c 31 N86-29055 *
US-PATENT-CLASS-318-640 ..... c 33 N75-13139 *
US-PATENT-CLASS-318-640 ..... c 54 N75-27758 *
US-PATENT-CLASS-318-640 ..... c 35 N79-14348 *
US-PATENT-CLASS-318-640 ..... c 37 N81-27519 *
US-PATENT-CLASS-318-640 ..... c 08 N86-27288 *
US-PATENT-CLASS-318-646 ..... c 37 N91-21544 *
US-PATENT-CLASS-318-646 ..... c 63 N94-29504 *
US-PATENT-CLASS-318-648 ..... c 37 N91-21544 *
US-PATENT-CLASS-318-648 ..... c 39 N93-13420 *
US-PATENT-CLASS-318-649 ..... c 33 N75-13139 *
US-PATENT-CLASS-318-649 ..... c 39 N93-13420 *
US-PATENT-CLASS-318-653 ..... c 10 N71-27136 *
US-PATENT-CLASS-318-661 ..... c 31 N86-29055 *
US-PATENT-CLASS-318-663 ..... c 37 N81-33483 *
US-PATENT-CLASS-318-663 ..... c 37 N86-27629 *
US-PATENT-CLASS-318-664 ..... c 33 N74-29556 *
US-PATENT-CLASS-318-675 ..... c 33 N75-13139 *
US-PATENT-CLASS-318-675 ..... c 37 N77-27400 *
US-PATENT-CLASS-318-685 ..... c 33 N83-35227 *
US-PATENT-CLASS-318-729 ..... c 33 N83-34190 *
US-PATENT-CLASS-318-729 ..... c 33 N84-14424 *
US-PATENT-CLASS-318-729 ..... c 33 N84-22885 *
US-PATENT-CLASS-318-729 ..... c 33 N84-22886 *
US-PATENT-CLASS-318-729 ..... c 33 N84-27975 *
US-PATENT-CLASS-318-729 ..... c 33 N84-33661 *
US-PATENT-CLASS-318-729 ..... c 44 N85-21769 *
US-PATENT-CLASS-318-729 ..... c 33 N85-22877 *
US-PATENT-CLASS-318-798 ..... c 33 N83-34190 *
US-PATENT-CLASS-318-798 ..... c 33 N83-35227 *
US-PATENT-CLASS-318-798 ..... c 33 N84-14424 *
US-PATENT-CLASS-318-798 ..... c 33 N84-22885 *
US-PATENT-CLASS-318-799 ..... c 33 N81-27395 *
US-PATENT-CLASS-318-799 ..... c 33 N84-16455 *
US-PATENT-CLASS-318-800 ..... c 33 N83-31953 *
US-PATENT-CLASS-318-802 ..... c 33 N84-33661 *
US-PATENT-CLASS-318-803 ..... c 33 N83-10345 *

US-PATENT-CLASS-318-803 ..... c 33 N83-31953 *
US-PATENT-CLASS-318-805 ..... c 33 N84-22885 *
US-PATENT-CLASS-318-806 ..... c 33 N82-26569 *
US-PATENT-CLASS-318-806 ..... c 33 N83-34190 *
US-PATENT-CLASS-318-806 ..... c 33 N83-35227 *
US-PATENT-CLASS-318-806 ..... c 33 N84-14424 *
US-PATENT-CLASS-318-809 ..... c 33 N83-31953 *
US-PATENT-CLASS-318-809 ..... c 33 N84-27975 *
US-PATENT-CLASS-318-810 ..... c 33 N81-27395 *
US-PATENT-CLASS-318-810 ..... c 33 N84-22885 *
US-PATENT-CLASS-318-812 ..... c 33 N82-26569 *
US-PATENT-CLASS-318-812 ..... c 33 N84-22886 *
US-PATENT-CLASS-318-812 ..... c 33 N85-22877 *
US-PATENT-CLASS-318-830 ..... c 33 N82-26569 *
US-PATENT-CLASS-318-8 ..... c 37 N86-27629 *
US-PATENT-CLASS-32-28 ..... c 05 N73-27062 *
US-PATENT-CLASS-32-58 ..... c 05 N73-27062 *
US-PATENT-CLASS-320-13 ..... c 03 N71-29129 *
US-PATENT-CLASS-320-13 ..... c 44 N78-25531 *
US-PATENT-CLASS-320-15 ..... c 44 N78-14625 *
US-PATENT-CLASS-320-15 ..... c 44 N78-25531 *
US-PATENT-CLASS-320-17 ..... c 03 N71-24605 *
US-PATENT-CLASS-320-18 ..... c 44 N78-14625 *
US-PATENT-CLASS-320-21 ..... c 44 N76-18643 *
US-PATENT-CLASS-320-22 ..... c 44 N76-18643 *
US-PATENT-CLASS-320-23 ..... c 03 N71-19438 *
US-PATENT-CLASS-320-2 ..... c 44 N77-14581 *
US-PATENT-CLASS-320-32 ..... c 44 N78-25531 *
US-PATENT-CLASS-320-39 ..... c 03 N71-24719 *
US-PATENT-CLASS-320-39 ..... c 44 N78-25531 *
US-PATENT-CLASS-320-40 ..... c 44 N78-14625 *
US-PATENT-CLASS-320-48 ..... c 03 N72-25020 *
US-PATENT-CLASS-320-51 ..... c 33 N91-14537 *
US-PATENT-CLASS-320-53 ..... c 33 N78-17296 *
US-PATENT-CLASS-320-6 ..... c 44 N78-14625 *
US-PATENT-CLASS-320-9 ..... c 44 N78-25531 *
US-PATENT-CLASS-321-1.5 ..... c 09 N73-32109 *
US-PATENT-CLASS-321-10 ..... c 09 N72-17154 *
US-PATENT-CLASS-321-11 ..... c 09 N69-39984 * #
US-PATENT-CLASS-321-11 ..... c 09 N72-25252 *
US-PATENT-CLASS-321-11 ..... c 10 N73-26228 *
US-PATENT-CLASS-321-12 ..... c 10 N71-27366 *
US-PATENT-CLASS-321-13 ..... c 33 N77-14333 *
US-PATENT-CLASS-321-14 ..... c 09 N72-22196 *
US-PATENT-CLASS-321-15 ..... c 09 N72-22203 *
US-PATENT-CLASS-321-15 ..... c 33 N75-19522 *
US-PATENT-CLASS-321-18 ..... c 09 N72-22203 *
US-PATENT-CLASS-321-18 ..... c 09 N72-25251 *
US-PATENT-CLASS-321-18 ..... c 09 N72-25252 *
US-PATENT-CLASS-321-18 ..... c 33 N74-11049 *
US-PATENT-CLASS-321-19 ..... c 09 N72-22196 *
US-PATENT-CLASS-321-19 ..... c 09 N72-25252 *
US-PATENT-CLASS-321-19 ..... c 33 N77-10428 *
US-PATENT-CLASS-321-25 ..... c 09 N72-22196 *
US-PATENT-CLASS-321-2 ..... c 03 N69-21330 * #
US-PATENT-CLASS-321-2 ..... c 03 N69-25146 * #
US-PATENT-CLASS-321-2 ..... c 03 N71-12255 *
US-PATENT-CLASS-321-2 ..... c 09 N71-23188 *
US-PATENT-CLASS-321-2 ..... c 03 N71-23239 *
US-PATENT-CLASS-321-2 ..... c 10 N71-26085 *
US-PATENT-CLASS-321-2 ..... c 09 N72-22196 *
US-PATENT-CLASS-321-2 ..... c 09 N72-22203 *
US-PATENT-CLASS-321-2 ..... c 03 N72-23048 *
US-PATENT-CLASS-321-2 ..... c 09 N72-25249 *
US-PATENT-CLASS-321-2 ..... c 09 N72-25251 *
US-PATENT-CLASS-321-2 ..... c 09 N72-25252 *
US-PATENT-CLASS-321-2 ..... c 09 N72-25253 *
US-PATENT-CLASS-321-2 ..... c 09 N72-25254 *
US-PATENT-CLASS-321-2 ..... c 33 N74-11049 *
US-PATENT-CLASS-321-2 ..... c 33 N77-10428 *
US-PATENT-CLASS-321-45C ..... c 10 N73-26228 *
US-PATENT-CLASS-321-45ER ..... c 09 N72-25252 *
US-PATENT-CLASS-321-45R ..... c 09 N72-25252 *
US-PATENT-CLASS-321-45R ..... c 09 N72-25254 *
US-PATENT-CLASS-321-45R ..... c 33 N74-22864 *
US-PATENT-CLASS-321-45S ..... c 33 N74-11049 *
US-PATENT-CLASS-321-45 ..... c 09 N71-24800 *
US-PATENT-CLASS-321-45 ..... c 09 N72-22203 *
US-PATENT-CLASS-321-47 ..... c 09 N71-33109 *
US-PATENT-CLASS-321-47 ..... c 09 N72-25253 *
US-PATENT-CLASS-321-48 ..... c 12 N71-20896 *
US-PATENT-CLASS-321-5 ..... c 08 N71-18752 *
US-PATENT-CLASS-321-60 ..... c 14 N71-23174 *
US-PATENT-CLASS-321-61 ..... c 09 N71-27364 *
US-PATENT-CLASS-321-64 ..... c 09 N71-27364 *
US-PATENT-CLASS-321-69 ..... c 10 N71-26414 *
US-PATENT-CLASS-321-8R ..... c 35 N74-18090 *
US-PATENT-CLASS-321-9 ..... c 10 N71-25139 *
US-PATENT-CLASS-322-2R ..... c 07 N83-20944 *
US-PATENT-CLASS-322-2R ..... c 37 N94-20587 *
US-PATENT-CLASS-322-25 ..... c 33 N84-33660 *
US-PATENT-CLASS-322-29 ..... c 33 N83-28319 *
US-PATENT-CLASS-322-29 ..... c 33 N84-33660 *
US-PATENT-CLASS-322-2 ..... c 03 N72-23048 *
US-PATENT-CLASS-322-32 ..... c 09 N71-27364 *
US-PATENT-CLASS-322-35 ..... c 33 N83-28319 *
US-PATENT-CLASS-322-47 ..... c 33 N83-28319 *
US-PATENT-CLASS-322-47 ..... c 33 N84-33660 *
US-PATENT-CLASS-322-95 ..... c 33 N83-28319 *
US-PATENT-CLASS-322-95 ..... c 33 N84-33660 *
US-PATENT-CLASS-322-96 ..... c 33 N77-26387 *
US-PATENT-CLASS-323-DIG.1 .... c 09 N72-21243 *
US-PATENT-CLASS-323-DIG.1 .... c 09 N72-25249 *
US-PATENT-CLASS-323-DIG.1 .... c 33 N74-11049 *
US-PATENT-CLASS-323-DIG.1 .... c 33 N77-10428 *
US-PATENT-CLASS-323-106 ..... c 33 N74-22885 *
US-PATENT-CLASS-323-122 ..... c 33 N74-22885 *
US-PATENT-CLASS-323-128 ..... c 33 N74-22885 *
US-PATENT-CLASS-323-15 ..... c 20 N79-20179 *
US-PATENT-CLASS-323-15 ..... c 44 N80-14472 *
US-PATENT-CLASS-323-17 ..... c 09 N72-25249 *
US-PATENT-CLASS-323-17 ..... c 33 N77-10428 *
US-PATENT-CLASS-323-18 ..... c 33 N78-17295 *
US-PATENT-CLASS-323-19 ..... c 08 N72-31226 *
US-PATENT-CLASS-323-19 ..... c 33 N78-17296 *
US-PATENT-CLASS-323-19 ..... c 44 N80-14472 *
US-PATENT-CLASS-323-20 ..... c 14 N71-27407 *
US-PATENT-CLASS-323-20 ..... c 20 N79-20179 *
US-PATENT-CLASS-323-22T ..... c 09 N72-21243 *
US-PATENT-CLASS-323-22T ..... c 09 N72-25249 *
US-PATENT-CLASS-323-22T ..... c 33 N77-10428 *
US-PATENT-CLASS-323-22T ..... c 33 N79-23345 *
US-PATENT-CLASS-323-22 ..... c 09 N71-21449 *
US-PATENT-CLASS-323-22 ..... c 09 N71-23316 *
US-PATENT-CLASS-323-23 ..... c 33 N77-10428 *
US-PATENT-CLASS-323-243 ..... c 33 N84-16455 *
US-PATENT-CLASS-323-246 ..... c 33 N84-16455 *
US-PATENT-CLASS-323-269 ..... c 33 N83-27126 *
US-PATENT-CLASS-323-299 ..... c 44 N94-35540 * #
US-PATENT-CLASS-323-300 ..... c 33 N84-27975 *
US-PATENT-CLASS-323-303 ..... c 33 N83-27126 *
US-PATENT-CLASS-323-311 ..... c 33 N91-27479 *
US-PATENT-CLASS-323-312 ..... c 33 N91-27479 *
US-PATENT-CLASS-323-350 ..... c 33 N83-27126 *
US-PATENT-CLASS-323-354 ..... c 33 N90-19492 *
US-PATENT-CLASS-323-38 ..... c 09 N72-21243 *
US-PATENT-CLASS-323-44F ..... c 33 N79-17133 *
US-PATENT-CLASS-323-48 ..... c 09 N71-27053 *
US-PATENT-CLASS-323-48 ..... c 09 N72-25262 *
US-PATENT-CLASS-323-4 ..... c 33 N78-17294 *
US-PATENT-CLASS-323-56 ..... c 10 N71-22961 *
US-PATENT-CLASS-323-56 ..... c 09 N71-24893 *
US-PATENT-CLASS-323-56 ..... c 09 N72-22196 *
US-PATENT-CLASS-323-60 ..... c 09 N71-27053 *
US-PATENT-CLASS-323-82 ..... c 09 N72-25262 *
US-PATENT-CLASS-323-89C ..... c 09 N72-22196 *
US-PATENT-CLASS-323-8 ..... c 10 N71-10578 *
US-PATENT-CLASS-323-901 ..... c 33 N84-33663 *
US-PATENT-CLASS-323-903 ..... c 33 N90-20320 *
US-PATENT-CLASS-323-906 ..... c 44 N94-35540 * #
US-PATENT-CLASS-323-93 ..... c 33 N77-31404 *
US-PATENT-CLASS-324-.5R ..... c 16 N73-13489 *
US-PATENT-CLASS-324-.5 ..... c 14 N71-20428 *
US-PATENT-CLASS-324-DIG.1 .... c 33 N75-19520 *
US-PATENT-CLASS-324-DIG.1 .... c 33 N75-25041 *
US-PATENT-CLASS-324-0.5 ..... c 14 N71-26137 *
US-PATENT-CLASS-324-0.5 ..... c 14 N71-26266 *
US-PATENT-CLASS-324-0.5 ..... c 36 N79-14362 *
US-PATENT-CLASS-324-102 ..... c 09 N72-11225 *
US-PATENT-CLASS-324-102 ..... c 33 N74-17930 *
US-PATENT-CLASS-324-102 ..... c 33 N75-19521 *
US-PATENT-CLASS-324-102 ..... c 33 N79-11315 *
US-PATENT-CLASS-324-102 ..... c 33 N79-14305 *
US-PATENT-CLASS-324-103 ..... c 10 N71-27338 *
US-PATENT-CLASS-324-106 ..... c 14 N70-38602 *
US-PATENT-CLASS-324-106 ..... c 08 N71-29138 *
US-PATENT-CLASS-324-107 ..... c 10 N71-27338 *
US-PATENT-CLASS-324-112 ..... c 33 N79-14305 *
US-PATENT-CLASS-324-113 ..... c 09 N70-41655 *
US-PATENT-CLASS-324-113 ..... c 33 N75-19521 *
US-PATENT-CLASS-324-113 ..... c 33 N79-11315 *
US-PATENT-CLASS-324-113 ..... c 33 N79-14305 *
US-PATENT-CLASS-324-115 ..... c 14 N71-26244 *
US-PATENT-CLASS-324-115 ..... c 10 N72-20222 *
US-PATENT-CLASS-324-115 ..... c 17 N91-14371 *
US-PATENT-CLASS-324-117 ..... c 14 N71-23037 *
US-PATENT-CLASS-324-117 ..... c 33 N89-29681 *
US-PATENT-CLASS-324-118 ..... c 33 N74-17930 *
US-PATENT-CLASS-324-119 ..... c 09 N72-11225 *
US-PATENT-CLASS-324-120 ..... c 14 N71-19431 *
US-PATENT-CLASS-324-120 ..... c 09 N71-23021 *
US-PATENT-CLASS-324-123C .... c 33 N79-22373 *
US-PATENT-CLASS-324-123R .... c 09 N72-11225 *
US-PATENT-CLASS-324-127 ..... c 33 N79-18193 *
US-PATENT-CLASS-324-127 ..... c 33 N89-29681 *
US-PATENT-CLASS-324-130 ..... c 35 N78-28411 *
US-PATENT-CLASS-324-132 ..... c 09 N71-13530 *
US-PATENT-CLASS-324-132 ..... c 10 N72-20222 *
US-PATENT-CLASS-324-133 ..... c 10 N71-27338 *
US-PATENT-CLASS-324-133 ..... c 33 N79-10337 *
US-PATENT-CLASS-324-133 ..... c 33 N79-11315 *
US-PATENT-CLASS-324-133 ..... c 33 N79-14305 *
US-PATENT-CLASS-324-133 ..... c 33 N79-18193 *
US-PATENT-CLASS-324-158-D ... c 33 N87-22894 *
US-PATENT-CLASS-324-158-R ... c 33 N87-22894 *
US-PATENT-CLASS-324-158D .... c 15 N72-25457 *
US-PATENT-CLASS-324-158D .... c 76 N76-20994 *
US-PATENT-CLASS-324-158D .... c 44 N80-18551 *
US-PATENT-CLASS-324-158D .... c 76 N84-35112 * #
US-PATENT-CLASS-324-158D .... c 76 N85-30923 *
US-PATENT-CLASS-324-158F .... c 33 N91-14552 *
US-PATENT-CLASS-324-158P .... c 33 N91-14552 *
US-PATENT-CLASS-324-158R .... c 76 N76-20994 *
US-PATENT-CLASS-324-158R .... c 33 N85-30187 *
US-PATENT-CLASS-324-158T .... c 15 N72-25457 *
US-PATENT-CLASS-324-158T .... c 35 N75-12270 *
US-PATENT-CLASS-324-158T .... c 76 N76-20994 *
US-PATENT-CLASS-324-158T .... c 33 N80-14332 *
US-PATENT-CLASS-324-158T .... c 76 N84-35112 * #
US-PATENT-CLASS-324-158 ..... c 09 N69-21926 * #
US-PATENT-CLASS-324-163 ..... c 35 N77-30436 *
US-PATENT-CLASS-324-165 ..... c 35 N77-30436 *
US-PATENT-CLASS-324-173 ..... c 35 N78-32396 *
US-PATENT-CLASS-324-174 ..... c 35 N77-30436 *
US-PATENT-CLASS-324-181 ..... c 09 N71-24717 *
US-PATENT-CLASS-324-186 ..... c 09 N72-25257 *
US-PATENT-CLASS-324-186 ..... c 52 N74-12778 *
US-PATENT-CLASS-324-20R ..... c 09 N72-23172 *
US-PATENT-CLASS-324-20R ..... c 44 N79-12541 *
US-PATENT-CLASS-324-205 ..... c 70 N92-29130 *
US-PATENT-CLASS-324-207.16 .. c 35 N93-26103 *
US-PATENT-CLASS-324-207 ..... c 35 N78-32396 *
US-PATENT-CLASS-324-209 ..... c 26 N90-21170 *
US-PATENT-CLASS-324-209 ..... c 39 N92-29155 *
US-PATENT-CLASS-324-209 ..... c 26 N93-14705 *
US-PATENT-CLASS-324-220 ..... c 35 N93-26103 *
US-PATENT-CLASS-324-222 ..... c 39 N93-20118 *
US-PATENT-CLASS-324-224 ..... c 38 N92-29154 *
US-PATENT-CLASS-324-226 ..... c 35 N86-32698 *
US-PATENT-CLASS-324-226 ..... c 26 N90-21170 *
US-PATENT-CLASS-324-226 ..... c 39 N92-28757 *
US-PATENT-CLASS-324-226 ..... c 38 N92-29154 *
US-PATENT-CLASS-324-226 ..... c 39 N92-29155 *
US-PATENT-CLASS-324-227 ..... c 26 N90-21170 *
US-PATENT-CLASS-324-227 ..... c 39 N92-29155 *
US-PATENT-CLASS-324-227 ..... c 26 N93-14705 *
US-PATENT-CLASS-324-22 ..... c 44 N79-12541 *
US-PATENT-CLASS-324-232 ..... c 26 N93-14705 *
US-PATENT-CLASS-324-234 ..... c 27 N90-23544 *
US-PATENT-CLASS-324-235 ..... c 26 N90-21170 *
US-PATENT-CLASS-324-235 ..... c 39 N92-28757 *
US-PATENT-CLASS-324-235 ..... c 39 N92-29155 *
US-PATENT-CLASS-324-236 ..... c 27 N90-23544 *
US-PATENT-CLASS-324-238 ..... c 35 N86-32698 *
US-PATENT-CLASS-324-239 ..... c 26 N90-21170 *
US-PATENT-CLASS-324-239 ..... c 39 N92-29101 *
US-PATENT-CLASS-324-239 ..... c 39 N92-29155 *
US-PATENT-CLASS-324-240 ..... c 35 N86-32698 *
US-PATENT-CLASS-324-244 ..... c 70 N92-29130 *
US-PATENT-CLASS-324-249 ..... c 35 N78-32397 *
US-PATENT-CLASS-324-250 ..... c 35 N84-12444 *
US-PATENT-CLASS-324-261 ..... c 70 N92-29130 *
US-PATENT-CLASS-324-262 ..... c 35 N84-22928 *
US-PATENT-CLASS-324-262 ..... c 35 N86-32698 *
US-PATENT-CLASS-324-262 ..... c 38 N92-29154 *
US-PATENT-CLASS-324-262 ..... c 35 N93-26103 *
US-PATENT-CLASS-324-29.5 ..... c 03 N72-25020 *
US-PATENT-CLASS-324-29.5 ..... c 14 N73-30388 *
US-PATENT-CLASS-324-29.5 ..... c 44 N74-27519 *
US-PATENT-CLASS-324-30B ..... c 33 N76-19339 *
US-PATENT-CLASS-324-30R ..... c 14 N73-20478 *
US-PATENT-CLASS-324-329 ..... c 35 N90-22023 *
US-PATENT-CLASS-324-32 ..... c 14 N71-16014 *
US-PATENT-CLASS-324-32 ..... c 33 N75-18477 *
US-PATENT-CLASS-324-32 ..... c 33 N75-19522 *
US-PATENT-CLASS-324-32 ..... c 35 N78-28411 *
US-PATENT-CLASS-324-33 ..... c 25 N69-39884 * #
US-PATENT-CLASS-324-33 ..... c 14 N70-35666 *
US-PATENT-CLASS-324-33 ..... c 24 N71-20518 *
US-PATENT-CLASS-324-33 ..... c 14 N71-21090 *
US-PATENT-CLASS-324-33 ..... c 14 N71-27090 *
US-PATENT-CLASS-324-34FL .... c 35 N74-21018 *
US-PATENT-CLASS-324-34R ..... c 26 N76-18257 *
US-PATENT-CLASS-324-34 ..... c 25 N71-16073 *
US-PATENT-CLASS-324-404 ..... c 44 N80-18551 *
US-PATENT-CLASS-324-40 ..... c 38 N74-15395 *
US-PATENT-CLASS-324-41 ..... c 10 N72-28240 *
US-PATENT-CLASS-324-427 ..... c 35 N85-21596 *
US-PATENT-CLASS-324-43R ..... c 35 N76-16390 *
US-PATENT-CLASS-324-43 ..... c 14 N69-27423 * #
US-PATENT-CLASS-324-43 ..... c 09 N70-40123 *
US-PATENT-CLASS-324-43 ..... c 14 N71-15962 *
US-PATENT-CLASS-324-43 ..... c 14 N71-26135 *
US-PATENT-CLASS-324-43 ..... c 14 N71-27325 *
US-PATENT-CLASS-324-457 ..... c 72 N84-28575 *
US-PATENT-CLASS-324-466 ..... c 33 N83-31954 *
US-PATENT-CLASS-324-51 ..... c 33 N80-26599 *
US-PATENT-CLASS-324-51 ..... c 33 N81-26359 *

US-PATENT-CLASS-324-51 ..... c 33 N82-24420 *
US-PATENT-CLASS-324-52 ..... c 14 N72-17325 *
US-PATENT-CLASS-324-52 ..... c 14 N73-28486 *
US-PATENT-CLASS-324-52 ..... c 33 N79-18193 *
US-PATENT-CLASS-324-52 ..... c 33 N82-24420 *
US-PATENT-CLASS-324-54 ..... c 33 N75-18477 *
US-PATENT-CLASS-324-57DE .... c 33 N78-25319 *
US-PATENT-CLASS-324-57H ..... c 35 N77-32455 *
US-PATENT-CLASS-324-57PS .... c 35 N75-21582 *
US-PATENT-CLASS-324-57R ..... c 15 N72-21464 *
US-PATENT-CLASS-324-57R ..... c 14 N73-30388 *
US-PATENT-CLASS-324-57R ..... c 35 N74-18090 *
US-PATENT-CLASS-324-57R ..... c 33 N79-10338 *
US-PATENT-CLASS-324-57R ..... c 35 N79-14349 *
US-PATENT-CLASS-324-57SS .... c 33 N78-25319 *
US-PATENT-CLASS-324-57 ..... c 10 N71-16057 *
US-PATENT-CLASS-324-57 ..... c 09 N71-20569 *
US-PATENT-CLASS-324-58.5A ... c 33 N75-26245 *
US-PATENT-CLASS-324-58.5B ... c 43 N78-10529 *
US-PATENT-CLASS-324-58.5C ... c 33 N75-26245 *
US-PATENT-CLASS-324-58.5 ..... c 15 N71-17822 *
US-PATENT-CLASS-324-58.5 ..... c 25 N71-20563 *
US-PATENT-CLASS-324-58.5 ..... c 14 N71-26137 *
US-PATENT-CLASS-324-58.5 ..... c 18 N71-27397 *
US-PATENT-CLASS-324-58A ..... c 33 N78-25319 *
US-PATENT-CLASS-324-59 ..... c 35 N77-32455 *
US-PATENT-CLASS-324-5 ..... c 14 N71-28991 *
US-PATENT-CLASS-324-60C ..... c 35 N75-12270 *
US-PATENT-CLASS-324-60C ..... c 76 N76-20994 *
US-PATENT-CLASS-324-601 ..... c 33 N91-14552 *
US-PATENT-CLASS-324-60 ..... c 33 N77-31404 *
US-PATENT-CLASS-324-61-R .... c 35 N87-22953 *
US-PATENT-CLASS-324-61-R .... c 35 N88-29149 *
US-PATENT-CLASS-324-61R ..... c 14 N72-24477 *
US-PATENT-CLASS-324-61R ..... c 35 N76-22509 *
US-PATENT-CLASS-324-61 ..... c 14 N69-39785 * #
US-PATENT-CLASS-324-61 ..... c 14 N70-36618 *
US-PATENT-CLASS-324-61 ..... c 14 N71-10797 *
US-PATENT-CLASS-324-61 ..... c 18 N71-27397 *
US-PATENT-CLASS-324-61 ..... c 14 N72-22442 *
US-PATENT-CLASS-324-62R ..... c 14 N73-30388 *
US-PATENT-CLASS-324-62 ..... c 33 N80-32650 *
US-PATENT-CLASS-324-62 ..... c 33 N90-19492 *
US-PATENT-CLASS-324-64 ..... c 15 N72-21464 *
US-PATENT-CLASS-324-64 ..... c 33 N80-32650 *
US-PATENT-CLASS-324-65-P ..... c 35 N85-34373 *
US-PATENT-CLASS-324-65P ..... c 14 N73-20478 *
US-PATENT-CLASS-324-65R ..... c 15 N72-23497 *
US-PATENT-CLASS-324-65R ..... c 33 N85-30187 *
US-PATENT-CLASS-324-65 ..... c 14 N71-27186 *
US-PATENT-CLASS-324-662 ..... c 33 N93-26104 *
US-PATENT-CLASS-324-66 ..... c 05 N72-16015 *
US-PATENT-CLASS-324-681 ..... c 33 N93-26104 *
US-PATENT-CLASS-324-683 ..... c 33 N93-26104 *
US-PATENT-CLASS-324-687 ..... c 63 N93-14701 *
US-PATENT-CLASS-324-690 ..... c 33 N93-26104 *
US-PATENT-CLASS-324-699 ..... c 39 N93-29612 *
US-PATENT-CLASS-324-70 ..... c 14 N70-41332 *
US-PATENT-CLASS-324-70 ..... c 14 N71-22990 *
US-PATENT-CLASS-324-70 ..... c 10 N71-24863 *
US-PATENT-CLASS-324-71.3 ..... c 72 N84-28575 *
US-PATENT-CLASS-324-71.5 ..... c 76 N85-30923 *
US-PATENT-CLASS-324-71CP .... c 35 N76-22509 *
US-PATENT-CLASS-324-71CP .... c 35 N82-11431 *
US-PATENT-CLASS-324-71R ..... c 09 N72-21246 *
US-PATENT-CLASS-324-71R ..... c 15 N72-21464 *
US-PATENT-CLASS-324-718 ..... c 39 N93-29612 *
US-PATENT-CLASS-324-71 ..... c 09 N71-24843 *
US-PATENT-CLASS-324-72.5 ..... c 44 N74-27519 *
US-PATENT-CLASS-324-72.5 ..... c 72 N84-28575 *
US-PATENT-CLASS-324-72 ..... c 10 N71-19421 *
US-PATENT-CLASS-324-72 ..... c 14 N71-23699 *
US-PATENT-CLASS-324-72 ..... c 07 N73-20175 *
US-PATENT-CLASS-324-72 ..... c 14 N73-32318 *
US-PATENT-CLASS-324-72 ..... c 33 N74-27862 *
US-PATENT-CLASS-324-72 ..... c 33 N75-26246 *
US-PATENT-CLASS-324-72 ..... c 33 N77-10429 *
US-PATENT-CLASS-324-72 ..... c 33 N79-10337 *
US-PATENT-CLASS-324-72 ..... c 33 N79-14305 *
US-PATENT-CLASS-324-72 ..... c 47 N82-24779 *
US-PATENT-CLASS-324-72 ..... c 47 N93-10108 *
US-PATENT-CLASS-324-73AT .... c 08 N72-22166 *
US-PATENT-CLASS-324-73AT .... c 33 N81-26359 *
US-PATENT-CLASS-324-73R ..... c 33 N83-18996 *
US-PATENT-CLASS-324-73 ..... c 14 N71-28991 *
US-PATENT-CLASS-324-74 ..... c 35 N78-28411 *
US-PATENT-CLASS-324-77-E ..... c 33 N89-14385 *
US-PATENT-CLASS-324-77-R ..... c 33 N89-14385 *
US-PATENT-CLASS-324-77B ..... c 60 N75-13539 *
US-PATENT-CLASS-324-77B ..... c 32 N79-10262 *
US-PATENT-CLASS-324-77CS .... c 32 N92-29124 *
US-PATENT-CLASS-324-77C ..... c 32 N79-10262 *
US-PATENT-CLASS-324-77C ..... c 32 N92-29124 *
US-PATENT-CLASS-324-77G ..... c 08 N72-20177 *
US-PATENT-CLASS-324-77H ..... c 35 N75-21582 *
US-PATENT-CLASS-324-77K ..... c 35 N79-10391 *
US-PATENT-CLASS-324-77R ..... c 10 N73-25240 *
US-PATENT-CLASS-324-77R ..... c 47 N82-24779 *
US-PATENT-CLASS-324-77 ..... c 09 N71-10659 *
US-PATENT-CLASS-324-77 ..... c 07 N71-24622 *
US-PATENT-CLASS-324-78-D ..... c 33 N89-14385 *
US-PATENT-CLASS-324-78-F ..... c 33 N89-14385 *
US-PATENT-CLASS-324-78D ..... c 09 N72-25257 *
US-PATENT-CLASS-324-78D ..... c 52 N74-12778 *
US-PATENT-CLASS-324-78D ..... c 32 N90-17005 *
US-PATENT-CLASS-324-78D ..... c 32 N92-29124 *
US-PATENT-CLASS-324-78E ..... c 14 N73-24473 *
US-PATENT-CLASS-324-78F ..... c 32 N92-29124 *
US-PATENT-CLASS-324-78J ..... c 10 N73-25240 *
US-PATENT-CLASS-324-78J ..... c 33 N75-19515 *
US-PATENT-CLASS-324-78Z ..... c 32 N90-17005 *
US-PATENT-CLASS-324-79D ..... c 14 N73-30386 *
US-PATENT-CLASS-324-79D ..... c 33 N76-16331 *
US-PATENT-CLASS-324-79D ..... c 61 N93-14882 *
US-PATENT-CLASS-324-79R ..... c 14 N72-27408 *
US-PATENT-CLASS-324-79R ..... c 33 N84-16454 *
US-PATENT-CLASS-324-79R ..... c 61 N93-14882 *
US-PATENT-CLASS-324-83A ..... c 10 N72-20224 *
US-PATENT-CLASS-324-83A ..... c 33 N84-16454 *
US-PATENT-CLASS-324-83D ..... c 33 N79-10338 *
US-PATENT-CLASS-324-83Q ..... c 35 N74-21017 *
US-PATENT-CLASS-324-83Q ..... c 33 N75-26243 *
US-PATENT-CLASS-324-83Q ..... c 61 N93-14882 *
US-PATENT-CLASS-324-83R ..... c 33 N84-16454 *
US-PATENT-CLASS-324-85 ..... c 10 N72-20224 *
US-PATENT-CLASS-324-85 ..... c 33 N79-10338 *
US-PATENT-CLASS-324-92 ..... c 26 N72-25680 *
US-PATENT-CLASS-324-95 ..... c 10 N71-12554 *
US-PATENT-CLASS-324-95 ..... c 14 N73-30388 *
US-PATENT-CLASS-324-96 ..... c 26 N72-25680 *
US-PATENT-CLASS-324-96 ..... c 33 N79-10337 *
US-PATENT-CLASS-324-99D ..... c 33 N79-22373 *
US-PATENT-CLASS-325-10 ..... c 07 N72-12081 *
US-PATENT-CLASS-325-113 ..... c 07 N71-24840 *
US-PATENT-CLASS-325-113 ..... c 07 N73-25160 *
US-PATENT-CLASS-325-113 ..... c 52 N74-26625 *
US-PATENT-CLASS-325-114 ..... c 07 N72-25171 *
US-PATENT-CLASS-325-114 ..... c 03 N76-32140 *
US-PATENT-CLASS-325-115 ..... c 03 N76-32140 *
US-PATENT-CLASS-325-118 ..... c 17 N78-17140 *
US-PATENT-CLASS-325-12 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-139 ..... c 07 N73-25160 *
US-PATENT-CLASS-325-13 ..... c 07 N72-12081 *
US-PATENT-CLASS-325-141 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-141 ..... c 52 N74-26625 *
US-PATENT-CLASS-325-143 ..... c 05 N71-12342 *
US-PATENT-CLASS-325-145 ..... c 32 N77-14292 *
US-PATENT-CLASS-325-148 ..... c 32 N74-19790 *
US-PATENT-CLASS-325-14 ..... c 17 N76-21250 *
US-PATENT-CLASS-325-14 ..... c 32 N80-20448 *
US-PATENT-CLASS-325-151.11 .. c 08 N71-27057 *
US-PATENT-CLASS-325-159 ..... c 33 N78-32340 *
US-PATENT-CLASS-325-163 ..... c 07 N71-23405 *
US-PATENT-CLASS-325-16 ..... c 07 N71-27056 *
US-PATENT-CLASS-325-17 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-185 ..... c 07 N71-28430 *
US-PATENT-CLASS-325-186 ..... c 03 N76-32140 *
US-PATENT-CLASS-325-187 ..... c 33 N78-32340 *
US-PATENT-CLASS-325-23 ..... c 07 N71-27056 *
US-PATENT-CLASS-325-29 ..... c 09 N72-22202 *
US-PATENT-CLASS-325-302 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-304 ..... c 32 N76-14321 *
US-PATENT-CLASS-325-305 ..... c 07 N71-10775 *
US-PATENT-CLASS-325-305 ..... c 10 N71-20841 *
US-PATENT-CLASS-325-305 ..... c 07 N71-23098 *
US-PATENT-CLASS-325-305 ..... c 32 N80-18253 *
US-PATENT-CLASS-325-306 ..... c 32 N76-14321 *
US-PATENT-CLASS-325-307 ..... c 32 N80-18253 *
US-PATENT-CLASS-325-30 ..... c 32 N74-26654 *
US-PATENT-CLASS-325-30 ..... c 32 N75-24981 *
US-PATENT-CLASS-325-30 ..... c 32 N77-30308 *
US-PATENT-CLASS-325-31 ..... c 07 N71-20791 *
US-PATENT-CLASS-325-320 ..... c 33 N74-12887 *
US-PATENT-CLASS-325-320 ..... c 32 N74-20809 *
US-PATENT-CLASS-325-320 ..... c 32 N74-20811 *
US-PATENT-CLASS-325-320 ..... c 33 N74-27705 *
US-PATENT-CLASS-325-321 ..... c 07 N72-20140 *
US-PATENT-CLASS-325-321 ..... c 32 N74-20810 *
US-PATENT-CLASS-325-321 ..... c 32 N76-16249 *
US-PATENT-CLASS-325-323 ..... c 32 N77-10392 *
US-PATENT-CLASS-325-325 ..... c 07 N71-24613 *
US-PATENT-CLASS-325-325 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-325 ..... c 07 N73-13149 *
US-PATENT-CLASS-325-346 ..... c 10 N73-16205 *
US-PATENT-CLASS-325-346 ..... c 32 N74-30523 *
US-PATENT-CLASS-325-346 ..... c 32 N77-24331 *
US-PATENT-CLASS-325-347 ..... c 07 N71-33696 *
US-PATENT-CLASS-325-348 ..... c 07 N71-33696 *
US-PATENT-CLASS-325-349 ..... c 32 N77-10392 *
US-PATENT-CLASS-325-363 ..... c 07 N71-11267 *
US-PATENT-CLASS-325-363 ..... c 14 N71-26774 *
US-PATENT-CLASS-325-363 ..... c 14 N72-28437 *
US-PATENT-CLASS-325-363 ..... c 10 N73-25241 *
US-PATENT-CLASS-325-363 ..... c 35 N80-18359 *
US-PATENT-CLASS-325-369 ..... c 07 N71-27056 *
US-PATENT-CLASS-325-372 ..... c 32 N76-14321 *
US-PATENT-CLASS-325-373 ..... c 07 N72-33146 *
US-PATENT-CLASS-325-38B ..... c 35 N74-17885 *
US-PATENT-CLASS-325-38 ..... c 07 N72-20140 *
US-PATENT-CLASS-325-38 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-39 ..... c 07 N72-11149 *
US-PATENT-CLASS-325-40 ..... c 07 N73-26118 *
US-PATENT-CLASS-325-419 ..... c 10 N73-16205 *
US-PATENT-CLASS-325-419 ..... c 07 N73-28012 *
US-PATENT-CLASS-325-419 ..... c 32 N74-20810 *
US-PATENT-CLASS-325-419 ..... c 32 N74-20811 *
US-PATENT-CLASS-325-419 ..... c 32 N80-18253 *
US-PATENT-CLASS-325-41 ..... c 10 N71-26577 *
US-PATENT-CLASS-325-41 ..... c 32 N77-12240 *
US-PATENT-CLASS-325-41 ..... c 32 N79-10263 *
US-PATENT-CLASS-325-420 ..... c 07 N73-30113 *
US-PATENT-CLASS-325-422 ..... c 07 N73-30113 *
US-PATENT-CLASS-325-423 ..... c 32 N74-20809 *
US-PATENT-CLASS-325-42 ..... c 07 N71-11266 *
US-PATENT-CLASS-325-42 ..... c 32 N76-21366 *
US-PATENT-CLASS-325-42 ..... c 32 N77-30308 *
US-PATENT-CLASS-325-445 ..... c 07 N72-20141 *
US-PATENT-CLASS-325-446 ..... c 09 N69-24324 * #
US-PATENT-CLASS-325-45 ..... c 07 N73-25160 *
US-PATENT-CLASS-325-473 ..... c 07 N71-33696 *
US-PATENT-CLASS-325-473 ..... c 10 N73-12244 *
US-PATENT-CLASS-325-473 ..... c 32 N77-30308 *
US-PATENT-CLASS-325-476 ..... c 32 N77-10392 *
US-PATENT-CLASS-325-478 ..... c 07 N71-33696 *
US-PATENT-CLASS-325-480 ..... c 07 N71-33696 *
US-PATENT-CLASS-325-480 ..... c 10 N73-12244 *
US-PATENT-CLASS-325-482 ..... c 07 N71-33696 *
US-PATENT-CLASS-325-492 ..... c 09 N72-17153 *
US-PATENT-CLASS-325-492 ..... c 09 N72-22202 *
US-PATENT-CLASS-325-4 ..... c 07 N71-16088 *
US-PATENT-CLASS-325-4 ..... c 07 N71-19773 *
US-PATENT-CLASS-325-4 ..... c 07 N71-24621 *
US-PATENT-CLASS-325-4 ..... c 07 N72-11149 *
US-PATENT-CLASS-325-4 ..... c 07 N72-12080 *
US-PATENT-CLASS-325-4 ..... c 07 N72-20140 *
US-PATENT-CLASS-325-4 ..... c 07 N72-25171 *
US-PATENT-CLASS-325-4 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-4 ..... c 15 N75-13007 *
US-PATENT-CLASS-325-4 ..... c 32 N75-26195 *
US-PATENT-CLASS-325-4 ..... c 32 N77-20289 *
US-PATENT-CLASS-325-4 ..... c 32 N79-11265 *
US-PATENT-CLASS-325-4 ..... c 32 N80-20448 *
US-PATENT-CLASS-325-51 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-55 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-58 ..... c 07 N72-11149 *
US-PATENT-CLASS-325-58 ..... c 07 N72-20140 *
US-PATENT-CLASS-325-58 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-58 ..... c 32 N78-15323 *
US-PATENT-CLASS-325-58 ..... c 32 N79-20296 *
US-PATENT-CLASS-325-5 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-60 ..... c 08 N71-19763 *
US-PATENT-CLASS-325-60 ..... c 07 N73-16121 *
US-PATENT-CLASS-325-60 ..... c 32 N75-24981 *
US-PATENT-CLASS-325-61 ..... c 07 N73-25160 *
US-PATENT-CLASS-325-62 ..... c 08 N72-25208 *
US-PATENT-CLASS-325-62 ..... c 44 N74-19870 *
US-PATENT-CLASS-325-63 ..... c 10 N71-19467 *
US-PATENT-CLASS-325-63 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-63 ..... c 32 N78-15323 *
US-PATENT-CLASS-325-63 ..... c 32 N79-20296 *
US-PATENT-CLASS-325-64 ..... c 07 N72-25173 *
US-PATENT-CLASS-325-65 ..... c 07 N70-41331 *
US-PATENT-CLASS-325-65 ..... c 07 N70-41372 *
US-PATENT-CLASS-325-65 ..... c 07 N71-11284 *
US-PATENT-CLASS-325-65 ..... c 32 N77-30308 *
US-PATENT-CLASS-325-66 ..... c 17 N78-17140 *
US-PATENT-CLASS-325-67 ..... c 07 N71-26292 *
US-PATENT-CLASS-325-67 ..... c 10 N73-25241 *
US-PATENT-CLASS-325-67 ..... c 35 N75-21582 *
US-PATENT-CLASS-325-67 ..... c 32 N79-11265 *
US-PATENT-CLASS-325-7 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-8 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-8 ..... c 32 N80-20448 *
US-PATENT-CLASS-325-9 ..... c 07 N73-20174 *
US-PATENT-CLASS-325-9 ..... c 32 N80-20448 *
US-PATENT-CLASS-328-104 ..... c 08 N72-22162 *
US-PATENT-CLASS-328-104 ..... c 10 N73-13235 *
US-PATENT-CLASS-328-106 ..... c 09 N72-22201 *
US-PATENT-CLASS-328-110 ..... c 09 N71-12519 *
US-PATENT-CLASS-328-111 ..... c 60 N77-12721 *
US-PATENT-CLASS-328-115 ..... c 33 N75-18479 *
US-PATENT-CLASS-328-116 ..... c 09 N69-39885 * #
US-PATENT-CLASS-328-120 ..... c 09 N71-27016 *
US-PATENT-CLASS-328-123 ..... c 60 N74-12888 *
US-PATENT-CLASS-328-129 ..... c 14 N73-30386 *
US-PATENT-CLASS-328-133 ..... c 09 N71-24596 *
US-PATENT-CLASS-328-133 ..... c 10 N72-20224 *
US-PATENT-CLASS-328-133 ..... c 33 N75-26243 *

US-PATENT-CLASS-328-133 ..... c 33 N77-13315 *
US-PATENT-CLASS-328-133 ..... c 33 N79-11313 *
US-PATENT-CLASS-328-133 ..... c 33 N84-16454 *
US-PATENT-CLASS-328-134 ..... c 08 N71-18692 *
US-PATENT-CLASS-328-134 ..... c 14 N73-30386 *
US-PATENT-CLASS-328-134 ..... c 33 N76-16331 *
US-PATENT-CLASS-328-134 ..... c 33 N81-17349 *
US-PATENT-CLASS-328-136 ..... c 09 N72-25257 *
US-PATENT-CLASS-328-140 ..... c 09 N72-25257 *
US-PATENT-CLASS-328-142 ..... c 09 N72-21245 *
US-PATENT-CLASS-328-145 ..... c 32 N76-14321 *
US-PATENT-CLASS-328-145 ..... c 09 N72-23173 *
US-PATENT-CLASS-328-145 ..... c 33 N78-32339 *
US-PATENT-CLASS-328-147 ..... c 33 N87-21235 *
US-PATENT-CLASS-328-150 ..... c 33 N78-18308 *
US-PATENT-CLASS-328-151 ..... c 09 N72-22200 *
US-PATENT-CLASS-328-151 ..... c 33 N75-18479 *
US-PATENT-CLASS-328-151 ..... c 33 N81-27396 *
US-PATENT-CLASS-328-151 ..... c 33 N91-14550 *
US-PATENT-CLASS-328-154 ..... c 08 N72-22162 *
US-PATENT-CLASS-328-154 ..... c 10 N73-13235 *
US-PATENT-CLASS-328-154 ..... c 33 N74-22814 *
US-PATENT-CLASS-328-155 ..... c 10 N72-16172 *
US-PATENT-CLASS-328-155 ..... c 09 N72-33204 *
US-PATENT-CLASS-328-155 ..... c 33 N74-17927 *
US-PATENT-CLASS-328-155 ..... c 17 N76-22245 *
US-PATENT-CLASS-328-155 ..... c 32 N88-29076 *
US-PATENT-CLASS-328-160 ..... c 32 N74-19788 *
US-PATENT-CLASS-328-161 ..... c 33 N77-17354 *
US-PATENT-CLASS-328-163 ..... c 33 N79-10338 *
US-PATENT-CLASS-328-164 ..... c 07 N71-33696 *
US-PATENT-CLASS-328-164 ..... c 33 N87-21235 *
US-PATENT-CLASS-328-165 ..... c 09 N71-24806 *
US-PATENT-CLASS-328-165 ..... c 07 N71-33696 *
US-PATENT-CLASS-328-166 ..... c 10 N72-20223 *
US-PATENT-CLASS-328-166 ..... c 33 N82-29539 *
US-PATENT-CLASS-328-167 ..... c 10 N71-22986 *
US-PATENT-CLASS-328-167 ..... c 08 N71-29034 *
US-PATENT-CLASS-328-167 ..... c 10 N72-17171 *
US-PATENT-CLASS-328-167 ..... c 09 N72-21245 *
US-PATENT-CLASS-328-167 ..... c 09 N73-20231 *
US-PATENT-CLASS-328-167 ..... c 08 N73-26175 *
US-PATENT-CLASS-328-167 ..... c 33 N82-24417 *
US-PATENT-CLASS-328-167 ..... c 33 N85-29145 *
US-PATENT-CLASS-328-168 ..... c 32 N74-19788 *
US-PATENT-CLASS-328-16 ..... c 10 N72-20223 *
US-PATENT-CLASS-328-171 ..... c 10 N71-24844 *
US-PATENT-CLASS-328-172 ..... c 32 N74-19788 *
US-PATENT-CLASS-328-172 ..... c 33 N78-17294 *
US-PATENT-CLASS-328-186 ..... c 09 N72-17157 *
US-PATENT-CLASS-328-187 ..... c 10 N73-20254 *
US-PATENT-CLASS-328-189 ..... c 14 N72-27408 *
US-PATENT-CLASS-328-190 ..... c 33 N76-14371 *
US-PATENT-CLASS-328-192 ..... c 60 N81-15706 *
US-PATENT-CLASS-328-1 ..... c 23 N71-16099 *
US-PATENT-CLASS-328-1 ..... c 10 N71-19472 *
US-PATENT-CLASS-328-1 ..... c 09 N72-22200 *
US-PATENT-CLASS-328-1 ..... c 63 N94-29466 *
US-PATENT-CLASS-328-207 ..... c 09 N71-28468 *
US-PATENT-CLASS-328-207 ..... c 10 N71-28860 *
US-PATENT-CLASS-328-207 ..... c 09 N71-29139 *
US-PATENT-CLASS-328-207 ..... c 10 N72-20221 *
US-PATENT-CLASS-328-20 ..... c 10 N72-20223 *
US-PATENT-CLASS-328-230 ..... c 35 N84-12444 *
US-PATENT-CLASS-328-233 ..... c 10 N71-22962 *
US-PATENT-CLASS-328-233 ..... c 75 N75-13625 *
US-PATENT-CLASS-328-233 ..... c 37 N78-17386 *
US-PATENT-CLASS-328-24 ..... c 09 N72-33204 *
US-PATENT-CLASS-328-28 ..... c 33 N87-21235 *
US-PATENT-CLASS-328-37 ..... c 08 N71-12503 *
US-PATENT-CLASS-328-37 ..... c 10 N73-20254 *
US-PATENT-CLASS-328-37 ..... c 33 N76-14373 *
US-PATENT-CLASS-328-37 ..... c 33 N81-17349 *
US-PATENT-CLASS-328-38 ..... c 10 N72-20223 *
US-PATENT-CLASS-328-38 ..... c 33 N77-24375 *
US-PATENT-CLASS-328-39 ..... c 33 N77-24375 *
US-PATENT-CLASS-328-4-8 ..... c 33 N77-24375 *
US-PATENT-CLASS-328-41 ..... c 33 N75-31330 *
US-PATENT-CLASS-328-42 ..... c 08 N71-19432 *
US-PATENT-CLASS-328-44 ..... c 08 N71-29034 *
US-PATENT-CLASS-328-48 ..... c 14 N73-30386 *
US-PATENT-CLASS-328-48 ..... c 33 N74-10223 *
US-PATENT-CLASS-328-48 ..... c 60 N81-15706 *
US-PATENT-CLASS-328-49 ..... c 10 N71-27137 *
US-PATENT-CLASS-328-55 ..... c 33 N81-17349 *
US-PATENT-CLASS-328-58 ..... c 08 N71-29138 *
US-PATENT-CLASS-328-58 ..... c 33 N74-32711 *
US-PATENT-CLASS-328-58 ..... c 33 N75-18479 *
US-PATENT-CLASS-328-59 ..... c 33 N75-19515 *
US-PATENT-CLASS-328-61 ..... c 09 N71-23525 *
US-PATENT-CLASS-328-61 ..... c 10 N73-20254 *
US-PATENT-CLASS-328-61 ..... c 35 N75-30504 *
US-PATENT-CLASS-328-62 ..... c 35 N75-30504 *
US-PATENT-CLASS-328-63 ..... c 33 N76-14371 *
US-PATENT-CLASS-328-63 ..... c 33 N77-24375 *
US-PATENT-CLASS-328-67 ..... c 10 N71-28960 *
US-PATENT-CLASS-328-67 ..... c 33 N82-24418 *
US-PATENT-CLASS-328-67 ..... c 33 N88-24862 *
US-PATENT-CLASS-328-71 ..... c 60 N81-15706 *
US-PATENT-CLASS-328-92 ..... c 10 N71-28860 *
US-PATENT-CLASS-329-104 ..... c 07 N71-11282 *
US-PATENT-CLASS-329-104 ..... c 33 N74-12887 *
US-PATENT-CLASS-329-104 ..... c 32 N77-24331 *
US-PATENT-CLASS-329-107 ..... c 35 N81-19427 *
US-PATENT-CLASS-329-107 ..... c 32 N87-21207 *
US-PATENT-CLASS-329-119 ..... c 33 N77-21314 *
US-PATENT-CLASS-329-120 ..... c 07 N73-30113 *
US-PATENT-CLASS-329-122 ..... c 10 N71-19469 *
US-PATENT-CLASS-329-122 ..... c 07 N73-28012 *
US-PATENT-CLASS-329-122 ..... c 33 N74-12887 *
US-PATENT-CLASS-329-122 ..... c 32 N74-20811 *
US-PATENT-CLASS-329-122 ..... c 33 N77-14334 *
US-PATENT-CLASS-329-122 ..... c 32 N77-24331 *
US-PATENT-CLASS-329-122 ..... c 32 N79-14267 *
US-PATENT-CLASS-329-122 ..... c 33 N81-33405 *
US-PATENT-CLASS-329-124 ..... c 33 N77-14334 *
US-PATENT-CLASS-329-124 ..... c 33 N78-32338 *
US-PATENT-CLASS-329-124 ..... c 32 N84-27952 *
US-PATENT-CLASS-329-126 ..... c 33 N74-12887 *
US-PATENT-CLASS-329-140 ..... c 07 N71-24583 *
US-PATENT-CLASS-329-145 ..... c 07 N71-33696 *
US-PATENT-CLASS-329-161 ..... c 07 N72-20141 *
US-PATENT-CLASS-329-162 ..... c 07 N72-20141 *
US-PATENT-CLASS-329-166 ..... c 33 N75-19520 *
US-PATENT-CLASS-329-166 ..... c 33 N75-25041 *
US-PATENT-CLASS-329-204 ..... c 33 N75-19520 *
US-PATENT-CLASS-329-204 ..... c 33 N75-25041 *
US-PATENT-CLASS-329-205 ..... c 33 N77-21314 *
US-PATENT-CLASS-329-304 ..... c 32 N91-25318 *
US-PATENT-CLASS-329-304 ..... c 32 N91-27439 *
US-PATENT-CLASS-329-306 ..... c 04 N91-14321 *
US-PATENT-CLASS-329-310 ..... c 32 N92-21712 *
US-PATENT-CLASS-329-349 ..... c 33 N91-26438 *
US-PATENT-CLASS-329-361 ..... c 33 N91-26438 *
US-PATENT-CLASS-329-363 ..... c 33 N91-14550 *
US-PATENT-CLASS-329-50 ..... c 33 N74-17930 *
US-PATENT-CLASS-329-50 ..... c 35 N81-19427 *
US-PATENT-CLASS-33.8UB ..... c 27 N81-15104 *
US-PATENT-CLASS-33-DIG.13 .... c 35 N75-12273 *
US-PATENT-CLASS-33-DIG.3 ..... c 04 N84-14132 *
US-PATENT-CLASS-33-1G ..... c 37 N76-21554 *
US-PATENT-CLASS-33-1M ..... c 35 N74-32877 *
US-PATENT-CLASS-33-1N ..... c 43 N79-26439 *
US-PATENT-CLASS-33-1Q ..... c 43 N79-26439 *
US-PATENT-CLASS-33-1SA ..... c 14 N72-28436 *
US-PATENT-CLASS-33-1SA ..... c 19 N74-21015 *
US-PATENT-CLASS-33-10 ..... c 35 N92-22039 *
US-PATENT-CLASS-33-125R ..... c 52 N80-27072 *
US-PATENT-CLASS-33-125 ..... c 14 N72-11364 *
US-PATENT-CLASS-33-143C ..... c 52 N82-22875 *
US-PATENT-CLASS-33-147D ..... c 37 N88-14361 *
US-PATENT-CLASS-33-147 ..... c 15 N71-19489 *
US-PATENT-CLASS-33-148D ..... c 35 N75-19615 *
US-PATENT-CLASS-33-149 ..... c 14 N71-17657 *
US-PATENT-CLASS-33-15A ..... c 08 N72-11172 *
US-PATENT-CLASS-33-15D ..... c 35 N92-22039 *
US-PATENT-CLASS-33-155R ..... c 33 N76-19338 *
US-PATENT-CLASS-33-169F ..... c 35 N84-28018 *
US-PATENT-CLASS-33-174B ..... c 37 N76-21554 *
US-PATENT-CLASS-33-174D ..... c 33 N76-19338 *
US-PATENT-CLASS-33-174L ..... c 43 N79-26439 *
US-PATENT-CLASS-33-174S ..... c 14 N72-22445 *
US-PATENT-CLASS-33-174 ..... c 14 N69-21363 * #
US-PATENT-CLASS-33-174 ..... c 14 N71-17658 *
US-PATENT-CLASS-33-174 ..... c 14 N71-24693 *
US-PATENT-CLASS-33-180R ..... c 35 N75-12273 *
US-PATENT-CLASS-33-189 ..... c 15 N71-26145 *
US-PATENT-CLASS-33-19.2 ..... c 35 N92-10186 *
US-PATENT-CLASS-33-1 ..... c 14 N70-36907 *
US-PATENT-CLASS-33-204C ..... c 08 N72-11172 *
US-PATENT-CLASS-33-207 ..... c 15 N71-15571 *
US-PATENT-CLASS-33-23.02 ..... c 35 N92-10186 *
US-PATENT-CLASS-33-23R ..... c 35 N74-32877 *
US-PATENT-CLASS-33-261 ..... c 35 N91-14591 *
US-PATENT-CLASS-33-263 ..... c 09 N91-14356 *
US-PATENT-CLASS-33-268 ..... c 89 N74-30886 *
US-PATENT-CLASS-33-285 ..... c 36 N74-21091 *
US-PATENT-CLASS-33-286 ..... c 18 N76-14186 *
US-PATENT-CLASS-33-293 ..... c 35 N84-16523 *
US-PATENT-CLASS-33-31 ..... c 14 N71-21079 *
US-PATENT-CLASS-33-322 ..... c 06 N83-33882 *
US-PATENT-CLASS-33-348 ..... c 04 N84-14132 *
US-PATENT-CLASS-33-356 ..... c 04 N76-20114 *
US-PATENT-CLASS-33-356 ..... c 04 N77-19056 *
US-PATENT-CLASS-33-356 ..... c 04 N84-14132 *
US-PATENT-CLASS-33-361 ..... c 04 N84-14132 *
US-PATENT-CLASS-33-366 ..... c 35 N78-32395 *
US-PATENT-CLASS-33-46R ..... c 19 N74-21015 *
US-PATENT-CLASS-33-520 ..... c 35 N92-22039 *
US-PATENT-CLASS-33-536 ..... c 37 N89-28831 *
US-PATENT-CLASS-33-542 ..... c 35 N93-26103 *
US-PATENT-CLASS-33-644 ..... c 35 N92-22039 *
US-PATENT-CLASS-33-72 ..... c 15 N72-11386 *
US-PATENT-CLASS-33-75R ..... c 14 N72-28436 *
US-PATENT-CLASS-33-96 ..... c 33 N75-30430 *
US-PATENT-CLASS-330-103 ..... c 32 N74-22096 *
US-PATENT-CLASS-330-107 ..... c 10 N72-11256 *
US-PATENT-CLASS-330-107 ..... c 10 N72-17172 *
US-PATENT-CLASS-330-107 ..... c 33 N84-14421 *
US-PATENT-CLASS-330-107 ..... c 33 N87-22895 *
US-PATENT-CLASS-330-109 ..... c 10 N72-11256 *
US-PATENT-CLASS-330-109 ..... c 10 N72-17171 *
US-PATENT-CLASS-330-109 ..... c 10 N72-17172 *
US-PATENT-CLASS-330-109 ..... c 09 N73-20231 *
US-PATENT-CLASS-330-109 ..... c 33 N82-24417 *
US-PATENT-CLASS-330-109 ..... c 33 N84-14421 *
US-PATENT-CLASS-330-109 ..... c 33 N84-22887 *
US-PATENT-CLASS-330-10 ..... c 33 N74-14939 *
US-PATENT-CLASS-330-110 ..... c 33 N83-36356 *
US-PATENT-CLASS-330-11 ..... c 09 N71-13531 *
US-PATENT-CLASS-330-11 ..... c 10 N71-33129 *
US-PATENT-CLASS-330-11 ..... c 09 N72-17156 *
US-PATENT-CLASS-330-124 ..... c 07 N71-28430 *
US-PATENT-CLASS-330-12 ..... c 10 N72-33230 *
US-PATENT-CLASS-330-13 ..... c 10 N71-26415 *
US-PATENT-CLASS-330-13 ..... c 33 N75-30428 *
US-PATENT-CLASS-330-14 ..... c 09 N70-35440 *
US-PATENT-CLASS-330-14 ..... c 33 N77-14335 *
US-PATENT-CLASS-330-16 ..... c 10 N71-33129 *
US-PATENT-CLASS-330-176 ..... c 10 N72-17171 *
US-PATENT-CLASS-330-18 ..... c 09 N72-17155 *
US-PATENT-CLASS-330-18 ..... c 33 N75-30428 *
US-PATENT-CLASS-330-200 ..... c 07 N71-28430 *
US-PATENT-CLASS-330-207A .... c 33 N75-30429 *
US-PATENT-CLASS-330-20 ..... c 09 N73-20232 *
US-PATENT-CLASS-330-22 ..... c 09 N71-10798 *
US-PATENT-CLASS-330-22 ..... c 09 N73-20232 *
US-PATENT-CLASS-330-24 ..... c 10 N71-33129 *
US-PATENT-CLASS-330-24 ..... c 33 N75-30429 *
US-PATENT-CLASS-330-258 ..... c 33 N86-20670 *
US-PATENT-CLASS-330-261 ..... c 33 N86-20670 *
US-PATENT-CLASS-330-26 ..... c 10 N72-17172 *
US-PATENT-CLASS-330-27R ..... c 10 N72-31273 *
US-PATENT-CLASS-330-277 ..... c 33 N84-22887 *
US-PATENT-CLASS-330-282 ..... c 33 N83-36356 *
US-PATENT-CLASS-330-289 ..... c 33 N83-34191 *
US-PATENT-CLASS-330-289 ..... c 33 N84-16454 *
US-PATENT-CLASS-330-28 ..... c 33 N74-21851 *
US-PATENT-CLASS-330-28 ..... c 33 N77-14335 *
US-PATENT-CLASS-330-290 ..... c 33 N82-24417 *
US-PATENT-CLASS-330-294 ..... c 33 N82-24417 *
US-PATENT-CLASS-330-294 ..... c 33 N84-22887 *
US-PATENT-CLASS-330-294 ..... c 33 N87-22895 *
US-PATENT-CLASS-330-29 ..... c 09 N69-24330 * #
US-PATENT-CLASS-330-29 ..... c 10 N72-28241 *
US-PATENT-CLASS-330-2 ..... c 09 N69-39986 * #
US-PATENT-CLASS-330-2 ..... c 09 N72-25250 *
US-PATENT-CLASS-330-2 ..... c 33 N78-10375 *
US-PATENT-CLASS-330-2 ..... c 33 N79-22373 *
US-PATENT-CLASS-330-30D ..... c 10 N72-20221 *
US-PATENT-CLASS-330-30D ..... c 09 N73-20232 *
US-PATENT-CLASS-330-302 ..... c 33 N85-29145 *
US-PATENT-CLASS-330-306 ..... c 33 N82-24417 *
US-PATENT-CLASS-330-306 ..... c 33 N85-29145 *
US-PATENT-CLASS-330-30 ..... c 09 N71-19466 *
US-PATENT-CLASS-330-30 ..... c 09 N71-19516 *
US-PATENT-CLASS-330-30 ..... c 09 N71-27016 *
US-PATENT-CLASS-330-310 ..... c 33 N83-34191 *
US-PATENT-CLASS-330-311 ..... c 33 N86-20670 *
US-PATENT-CLASS-330-31 ..... c 10 N71-26331 *
US-PATENT-CLASS-330-31 ..... c 10 N72-17172 *
US-PATENT-CLASS-330-35 ..... c 09 N72-17156 *
US-PATENT-CLASS-330-35 ..... c 09 N73-20232 *
US-PATENT-CLASS-330-35 ..... c 33 N74-14939 *
US-PATENT-CLASS-330-4.3 ..... c 16 N73-32391 *
US-PATENT-CLASS-330-4.3 ..... c 36 N75-19655 *
US-PATENT-CLASS-330-4.3 ..... c 36 N75-27364 *
US-PATENT-CLASS-330-4.3 ..... c 36 N75-32441 *
US-PATENT-CLASS-330-4.3 ..... c 36 N76-29575 *
US-PATENT-CLASS-330-4.3 ..... c 36 N77-25502 *
US-PATENT-CLASS-330-4.3 ..... c 73 N78-19920 *
US-PATENT-CLASS-330-4.3 ..... c 36 N82-28616 *
US-PATENT-CLASS-330-4.5 ..... c 09 N72-25258 *
US-PATENT-CLASS-330-4.9 ..... c 33 N74-32660 *
US-PATENT-CLASS-330-40 ..... c 07 N71-28430 *
US-PATENT-CLASS-330-40 ..... c 09 N72-17155 *
US-PATENT-CLASS-330-40 ..... c 09 N73-20232 *
US-PATENT-CLASS-330-40 ..... c 33 N75-30428 *
US-PATENT-CLASS-330-43 ..... c 33 N79-10339 *
US-PATENT-CLASS-330-43 ..... c 33 N82-26568 *
US-PATENT-CLASS-330-43 ..... c 33 N86-21742 *
US-PATENT-CLASS-330-49 ..... c 14 N70-35220 *
US-PATENT-CLASS-330-4 ..... c 16 N71-15550 *
US-PATENT-CLASS-330-4 ..... c 16 N71-24831 *
US-PATENT-CLASS-330-4 ..... c 16 N72-28521 *
US-PATENT-CLASS-330-4 ..... c 36 N75-15029 *
US-PATENT-CLASS-330-4 ..... c 36 N76-31512 *
US-PATENT-CLASS-330-4 ..... c 36 N78-18410 *

US-PATENT-CLASS-330-4 ..... c 36 N80-18372 *
US-PATENT-CLASS-330-4 ..... c 36 N83-35350 *
US-PATENT-CLASS-330-5.5 ..... c 71 N77-26919 *
US-PATENT-CLASS-330-51 ..... c 10 N71-28859 *
US-PATENT-CLASS-330-51 ..... c 33 N79-22373 *
US-PATENT-CLASS-330-52 ..... c 71 N78-14867 *
US-PATENT-CLASS-330-53 ..... c 33 N74-32660 *
US-PATENT-CLASS-330-59 ..... c 09 N72-25250 *
US-PATENT-CLASS-330-59 ..... c 33 N74-21851 *
US-PATENT-CLASS-330-59 ..... c 33 N77-14335 *
US-PATENT-CLASS-330-5 ..... c 33 N75-27251 *
US-PATENT-CLASS-330-61 ..... c 09 N71-23097 *
US-PATENT-CLASS-330-63 ..... c 33 N75-30428 *
US-PATENT-CLASS-330-69 ..... c 33 N74-32712 *
US-PATENT-CLASS-330-69 ..... c 33 N75-19518 *
US-PATENT-CLASS-330-6 ..... c 35 N75-13213 *
US-PATENT-CLASS-330-70CR .... c 10 N73-27171 *
US-PATENT-CLASS-330-70R ..... c 09 N72-21245 *
US-PATENT-CLASS-330-80T ..... c 09 N73-20232 *
US-PATENT-CLASS-330-85 ..... c 09 N72-21245 *
US-PATENT-CLASS-330-86 ..... c 09 N73-20231 *
US-PATENT-CLASS-330-86 ..... c 33 N75-19518 *
US-PATENT-CLASS-330-86 ..... c 33 N79-22373 *
US-PATENT-CLASS-330-8 ..... c 33 N81-24338 *
US-PATENT-CLASS-330-8 ..... c 33 N89-29681 *
US-PATENT-CLASS-330-94 ..... c 10 N72-17172 *
US-PATENT-CLASS-330-9 ..... c 33 N74-14939 *
US-PATENT-CLASS-331-DIG.1 .... c 36 N75-30524 *
US-PATENT-CLASS-331-DIG.2 .... c 33 N81-33405 *
US-PATENT-CLASS-331-1-A ..... c 33 N86-20668 *
US-PATENT-CLASS-331-1A ..... c 33 N74-10194 *
US-PATENT-CLASS-331-1A ..... c 33 N75-25040 *
US-PATENT-CLASS-331-1A ..... c 33 N79-11313 *
US-PATENT-CLASS-331-107A .... c 71 N77-26919 *
US-PATENT-CLASS-331-107G .... c 26 N72-25679 *
US-PATENT-CLASS-331-107G .... c 09 N73-15235 *
US-PATENT-CLASS-331-107 ..... c 09 N71-18721 *
US-PATENT-CLASS-331-107 ..... c 26 N72-21701 *
US-PATENT-CLASS-331-108A .... c 33 N74-20862 *
US-PATENT-CLASS-331-108D .... c 33 N86-32624 *
US-PATENT-CLASS-331-109 ..... c 10 N71-27271 *
US-PATENT-CLASS-331-109 ..... c 33 N74-26732 *
US-PATENT-CLASS-331-10 ..... c 07 N72-11150 *
US-PATENT-CLASS-331-111 ..... c 10 N71-23669 *
US-PATENT-CLASS-331-111 ..... c 09 N72-21247 *
US-PATENT-CLASS-331-113A .... c 09 N72-25253 *
US-PATENT-CLASS-331-113A .... c 09 N72-25254 *
US-PATENT-CLASS-331-113A .... c 33 N74-11049 *
US-PATENT-CLASS-331-113R .... c 33 N82-18494 *
US-PATENT-CLASS-331-113 ..... c 09 N70-38995 *
US-PATENT-CLASS-331-113 ..... c 10 N71-19418 *
US-PATENT-CLASS-331-113 ..... c 09 N71-19470 *
US-PATENT-CLASS-331-113 ..... c 10 N71-25882 *
US-PATENT-CLASS-331-113 ..... c 10 N71-25950 *
US-PATENT-CLASS-331-113 ..... c 09 N71-28810 *
US-PATENT-CLASS-331-114 ..... c 33 N77-17351 *
US-PATENT-CLASS-331-115 ..... c 10 N72-33230 *
US-PATENT-CLASS-331-115 ..... c 33 N74-20862 *
US-PATENT-CLASS-331-116-FE . c 33 N86-19515 *
US-PATENT-CLASS-331-116-R ... c 33 N87-21232 *
US-PATENT-CLASS-331-116FE .. c 33 N90-23635 *
US-PATENT-CLASS-331-116R .... c 10 N72-33230 *
US-PATENT-CLASS-331-116R .... c 33 N74-20862 *
US-PATENT-CLASS-331-116R .... c 33 N86-32624 *
US-PATENT-CLASS-331-117-FE . c 33 N86-19515 *
US-PATENT-CLASS-331-117-R ... c 33 N87-21232 *
US-PATENT-CLASS-331-117FE .. c 33 N90-23635 *
US-PATENT-CLASS-331-117R .... c 33 N74-26732 *
US-PATENT-CLASS-331-117 ..... c 10 N71-27271 *
US-PATENT-CLASS-331-117 ..... c 09 N72-22203 *
US-PATENT-CLASS-331-12 ..... c 33 N78-32338 *
US-PATENT-CLASS-331-135 ..... c 10 N73-32145 *
US-PATENT-CLASS-331-14 ..... c 09 N72-21247 *
US-PATENT-CLASS-331-14 ..... c 33 N74-10194 *
US-PATENT-CLASS-331-14 ..... c 33 N79-11313 *
US-PATENT-CLASS-331-159 ..... c 33 N74-20862 *
US-PATENT-CLASS-331-162 ..... c 33 N88-26596 *
US-PATENT-CLASS-331-177-R ... c 33 N87-22895 *
US-PATENT-CLASS-331-177R .... c 09 N73-15235 *
US-PATENT-CLASS-331-177V .... c 33 N77-17351 *
US-PATENT-CLASS-331-177 ..... c 10 N71-27271 *
US-PATENT-CLASS-331-178 ..... c 33 N74-10194 *
US-PATENT-CLASS-331-17 ..... c 10 N71-20852 *
US-PATENT-CLASS-331-17 ..... c 10 N73-27171 *
US-PATENT-CLASS-331-17 ..... c 33 N74-10194 *
US-PATENT-CLASS-331-17 ..... c 32 N88-29076 *
US-PATENT-CLASS-331-183 ..... c 33 N74-26732 *
US-PATENT-CLASS-331-18 ..... c 10 N71-26374 *
US-PATENT-CLASS-331-18 ..... c 33 N74-10194 *
US-PATENT-CLASS-331-18 ..... c 33 N75-25040 *
US-PATENT-CLASS-331-1 ..... c 52 N91-14709 *
US-PATENT-CLASS-331-23 ..... c 09 N72-21247 *
US-PATENT-CLASS-331-23 ..... c 33 N77-14334 *
US-PATENT-CLASS-331-23 ..... c 33 N79-11313 *
US-PATENT-CLASS-331-25 ..... c 10 N73-27171 *
US-PATENT-CLASS-331-25 ..... c 33 N75-25040 *
US-PATENT-CLASS-331-25 ..... c 32 N88-29076 *
US-PATENT-CLASS-331-27 ..... c 33 N79-11313 *
US-PATENT-CLASS-331-2 ..... c 33 N86-20668 *
US-PATENT-CLASS-331-30 ..... c 09 N72-21247 *
US-PATENT-CLASS-331-31 ..... c 33 N85-29143 *
US-PATENT-CLASS-331-34 ..... c 07 N72-11150 *
US-PATENT-CLASS-331-36C ..... c 33 N77-14334 *
US-PATENT-CLASS-331-36C ..... c 33 N85-29143 *
US-PATENT-CLASS-331-3 ..... c 35 N76-15436 *
US-PATENT-CLASS-331-3 ..... c 33 N85-29143 *
US-PATENT-CLASS-331-3 ..... c 33 N88-26596 *
US-PATENT-CLASS-331-44 ..... c 14 N72-27408 *
US-PATENT-CLASS-331-45 ..... c 10 N73-16206 *
US-PATENT-CLASS-331-48 ..... c 33 N81-17349 *
US-PATENT-CLASS-331-4 ..... c 09 N69-21543 * #
US-PATENT-CLASS-331-4 ..... c 33 N74-10194 *
US-PATENT-CLASS-331-4 ..... c 33 N78-32338 *
US-PATENT-CLASS-331-56 ..... c 33 N87-21232 *
US-PATENT-CLASS-331-62 ..... c 33 N74-11049 *
US-PATENT-CLASS-331-64 ..... c 33 N78-32338 *
US-PATENT-CLASS-331-65 ..... c 35 N75-29380 *
US-PATENT-CLASS-331-65 ..... c 33 N80-23559 *
US-PATENT-CLASS-331-66 ..... c 07 N72-11150 *
US-PATENT-CLASS-331-66 ..... c 33 N86-32624 *
US-PATENT-CLASS-331-78 ..... c 09 N71-23598 *
US-PATENT-CLASS-331-78 ..... c 08 N73-12175 *
US-PATENT-CLASS-331-78 ..... c 33 N75-19515 *
US-PATENT-CLASS-331-7 ..... c 07 N72-11150 *
US-PATENT-CLASS-331-82 ..... c 33 N84-27974 *
US-PATENT-CLASS-331-82 ..... c 33 N90-22724 *
US-PATENT-CLASS-331-90 ..... c 09 N73-15235 *
US-PATENT-CLASS-331-94.1 ..... c 33 N85-29143 *
US-PATENT-CLASS-331-94.1 ..... c 33 N88-26596 *
US-PATENT-CLASS-331-94.5A ... c 16 N73-33397 *
US-PATENT-CLASS-331-94.5A ... c 36 N75-27364 *
US-PATENT-CLASS-331-94.5C ... c 36 N75-31427 *
US-PATENT-CLASS-331-94.5C ... c 36 N76-18428 *
US-PATENT-CLASS-331-94.5C ... c 36 N76-24553 *
US-PATENT-CLASS-331-94.5C ... c 36 N76-29575 *
US-PATENT-CLASS-331-94.5C ... c 36 N80-14384 *
US-PATENT-CLASS-331-94.5C ... c 36 N82-13415 *
US-PATENT-CLASS-331-94.5D ... c 33 N74-20859 *
US-PATENT-CLASS-331-94.5D ... c 36 N77-19416 *
US-PATENT-CLASS-331-94.5D ... c 36 N77-25502 *
US-PATENT-CLASS-331-94.5D ... c 35 N77-27366 *
US-PATENT-CLASS-331-94.5D ... c 36 N82-13415 *
US-PATENT-CLASS-331-94.5G ... c 36 N75-31426 *
US-PATENT-CLASS-331-94.5G ... c 36 N77-19416 *
US-PATENT-CLASS-331-94.5G ... c 36 N78-17366 *
US-PATENT-CLASS-331-94.5G ... c 36 N78-27402 *
US-PATENT-CLASS-331-94.5G ... c 36 N79-18307 *
US-PATENT-CLASS-331-94.5G ... c 33 N82-24418 *
US-PATENT-CLASS-331-94.5K ... c 36 N74-15145 *
US-PATENT-CLASS-331-94.5L .... c 72 N79-13826 *
US-PATENT-CLASS-331-94.5M ... c 36 N75-19654 *
US-PATENT-CLASS-331-94.5PE . c 36 N75-32441 *
US-PATENT-CLASS-331-94.5PE . c 36 N77-19416 *
US-PATENT-CLASS-331-94.5PE . c 36 N78-27402 *
US-PATENT-CLASS-331-94.5PE . c 72 N79-13826 *
US-PATENT-CLASS-331-94.5PE . c 33 N82-24418 *
US-PATENT-CLASS-331-94.5P .... c 36 N75-19655 *
US-PATENT-CLASS-331-94.5P .... c 36 N75-31426 *
US-PATENT-CLASS-331-94.5P .... c 36 N77-25502 *
US-PATENT-CLASS-331-94.5P .... c 36 N78-27402 *
US-PATENT-CLASS-331-94.5P .... c 72 N79-13826 *
US-PATENT-CLASS-331-94.5P .... c 36 N79-18307 *
US-PATENT-CLASS-331-94.5P .... c 36 N80-14384 *
US-PATENT-CLASS-331-94.5P .... c 36 N82-13415 *
US-PATENT-CLASS-331-94.5S .... c 36 N74-15145 *
US-PATENT-CLASS-331-94.5S .... c 36 N77-25499 *
US-PATENT-CLASS-331-94.5T .... c 35 N77-27366 *
US-PATENT-CLASS-331-94.5T .... c 36 N78-17366 *
US-PATENT-CLASS-331-94.5 ..... c 16 N71-18614 *
US-PATENT-CLASS-331-94.5 ..... c 16 N71-24832 *
US-PATENT-CLASS-331-94.5 ..... c 23 N71-26722 *
US-PATENT-CLASS-331-94.5 ..... c 15 N71-27135 *
US-PATENT-CLASS-331-94.5 ..... c 23 N71-29125 *
US-PATENT-CLASS-331-94.5 ..... c 16 N71-33410 *
US-PATENT-CLASS-331-94.5 ..... c 16 N72-12440 *
US-PATENT-CLASS-331-94.5 ..... c 25 N72-24753 *
US-PATENT-CLASS-331-94.5 ..... c 16 N72-25485 *
US-PATENT-CLASS-331-94.5 ..... c 07 N73-26119 *
US-PATENT-CLASS-331-94.5 ..... c 09 N73-32111 *
US-PATENT-CLASS-331-94.5 ..... c 16 N73-32391 *
US-PATENT-CLASS-331-94.5 ..... c 36 N76-18427 *
US-PATENT-CLASS-331-94-5G ... c 36 N75-32441 *
US-PATENT-CLASS-331-94 ..... c 16 N70-41578 *
US-PATENT-CLASS-331-94 ..... c 16 N72-28521 *
US-PATENT-CLASS-331-94 ..... c 16 N73-13489 *
US-PATENT-CLASS-331-94 ..... c 35 N76-15436 *
US-PATENT-CLASS-331-94 ..... c 36 N76-31512 *
US-PATENT-CLASS-331-94 ..... c 36 N79-14362 *
US-PATENT-CLASS-331-94 ..... c 36 N80-18372 *
US-PATENT-CLASS-331-96 ..... c 33 N85-29143 *
US-PATENT-CLASS-332-10 ..... c 08 N71-29138 *
US-PATENT-CLASS-332-11D ..... c 35 N74-17885 *
US-PATENT-CLASS-332-16 ..... c 33 N77-21314 *
US-PATENT-CLASS-332-18 ..... c 33 N77-17351 *
US-PATENT-CLASS-332-19 ..... c 10 N71-23544 *
US-PATENT-CLASS-332-1 ..... c 10 N71-23084 *
US-PATENT-CLASS-332-21 ..... c 08 N72-25208 *
US-PATENT-CLASS-332-22 ..... c 32 N77-14292 *
US-PATENT-CLASS-332-22 ..... c 33 N81-15192 *
US-PATENT-CLASS-332-23-A .... c 32 N87-25511 *
US-PATENT-CLASS-332-23R ..... c 32 N77-14292 *
US-PATENT-CLASS-332-23R ..... c 33 N81-15192 *
US-PATENT-CLASS-332-29 ..... c 07 N71-28429 *
US-PATENT-CLASS-332-2 ..... c 35 N75-19614 *
US-PATENT-CLASS-332-30V ..... c 33 N77-14334 *
US-PATENT-CLASS-332-30V ..... c 33 N77-17351 *
US-PATENT-CLASS-332-30 ..... c 10 N71-27271 *
US-PATENT-CLASS-332-30 ..... c 07 N71-28429 *
US-PATENT-CLASS-332-30 ..... c 33 N77-21314 *
US-PATENT-CLASS-332-31 ..... c 08 N71-12500 *
US-PATENT-CLASS-332-31 ..... c 26 N72-21701 *
US-PATENT-CLASS-332-47 ..... c 33 N75-19520 *
US-PATENT-CLASS-332-51W ..... c 07 N72-20141 *
US-PATENT-CLASS-332-52 ..... c 33 N77-21314 *
US-PATENT-CLASS-332-7.51 ..... c 16 N72-25485 *
US-PATENT-CLASS-332-7.51 ..... c 07 N73-26119 *
US-PATENT-CLASS-332-7.51 ..... c 33 N74-20859 *
US-PATENT-CLASS-332-7.51 ..... c 36 N76-18427 *
US-PATENT-CLASS-332-7.5 ..... c 36 N75-15029 *
US-PATENT-CLASS-332-7.5 ..... c 36 N78-18410 *
US-PATENT-CLASS-332-7.5 ..... c 36 N83-35350 *
US-PATENT-CLASS-332-751 ..... c 36 N80-16321 *
US-PATENT-CLASS-332-9R ..... c 08 N71-29138 *
US-PATENT-CLASS-332-9 ..... c 07 N71-12390 *
US-PATENT-CLASS-333-104 ..... c 33 N82-16340 *
US-PATENT-CLASS-333-12 ..... c 32 N80-32605 *
US-PATENT-CLASS-333-12 ..... c 33 N81-27397 *
US-PATENT-CLASS-333-14 ..... c 32 N74-19788 *
US-PATENT-CLASS-333-161 ..... c 74 N92-28571 *
US-PATENT-CLASS-333-162 ..... c 33 N84-16452 *
US-PATENT-CLASS-333-162 ..... c 33 N84-27974 *
US-PATENT-CLASS-333-16 ..... c 33 N74-17927 *
US-PATENT-CLASS-333-17R ..... c 33 N78-32340 *
US-PATENT-CLASS-333-17 ..... c 44 N74-19870 *
US-PATENT-CLASS-333-18 ..... c 33 N74-17927 *
US-PATENT-CLASS-333-18 ..... c 32 N76-21366 *
US-PATENT-CLASS-333-204 ..... c 33 N81-17348 *
US-PATENT-CLASS-333-20 ..... c 33 N82-24418 *
US-PATENT-CLASS-333-21A ..... c 07 N71-33606 *
US-PATENT-CLASS-333-21R ..... c 33 N75-30430 *
US-PATENT-CLASS-333-214 ..... c 33 N87-22895 *
US-PATENT-CLASS-333-217 ..... c 33 N87-22895 *
US-PATENT-CLASS-333-21 ..... c 07 N71-10676 *
US-PATENT-CLASS-333-22F ..... c 32 N83-27085 *
US-PATENT-CLASS-333-231 ..... c 33 N85-29143 *
US-PATENT-CLASS-333-233 ..... c 37 N94-20375 *
US-PATENT-CLASS-333-24.2 ..... c 36 N83-35350 *
US-PATENT-CLASS-333-24R ..... c 09 N72-29172 *
US-PATENT-CLASS-333-24R ..... c 36 N80-18372 *
US-PATENT-CLASS-333-246 ..... c 33 N82-16340 *
US-PATENT-CLASS-333-247 ..... c 33 N91-14552 *
US-PATENT-CLASS-333-252 ..... c 32 N80-32605 *
US-PATENT-CLASS-333-254 ..... c 32 N83-27085 *
US-PATENT-CLASS-333-262 ..... c 33 N80-18285 *
US-PATENT-CLASS-333-30 ..... c 10 N71-25900 *
US-PATENT-CLASS-333-6 ..... c 07 N71-33606 *
US-PATENT-CLASS-333-70CR .... c 10 N72-17171 *
US-PATENT-CLASS-333-70R ..... c 32 N77-18307 *
US-PATENT-CLASS-333-72 ..... c 10 N71-25900 *
US-PATENT-CLASS-333-72 ..... c 71 N77-26919 *
US-PATENT-CLASS-333-73R ..... c 09 N73-26195 *
US-PATENT-CLASS-333-73S ..... c 09 N73-26195 *
US-PATENT-CLASS-333-73W ..... c 07 N72-20141 *
US-PATENT-CLASS-333-73 ..... c 07 N69-24323 * #
US-PATENT-CLASS-333-73 ..... c 09 N71-23573 *
US-PATENT-CLASS-333-75 ..... c 32 N77-18307 *
US-PATENT-CLASS-333-76 ..... c 32 N77-18307 *
US-PATENT-CLASS-333-79 ..... c 10 N70-41964 *
US-PATENT-CLASS-333-79 ..... c 09 N72-25256 *
US-PATENT-CLASS-333-7 ..... c 07 N71-33606 *
US-PATENT-CLASS-333-7 ..... c 07 N72-25170 *
US-PATENT-CLASS-333-80R ..... c 33 N74-32712 *
US-PATENT-CLASS-333-80T ..... c 10 N72-33230 *
US-PATENT-CLASS-333-80 ..... c 09 N71-12517 *
US-PATENT-CLASS-333-80 ..... c 09 N72-21245 *
US-PATENT-CLASS-333-81B ..... c 14 N73-13420 *
US-PATENT-CLASS-333-81R ..... c 07 N72-25170 *
US-PATENT-CLASS-333-81R ..... c 33 N78-32340 *
US-PATENT-CLASS-333-81R ..... c 32 N80-14281 *
US-PATENT-CLASS-333-81 ..... c 07 N71-29065 *
US-PATENT-CLASS-333-82A ..... c 09 N73-26195 *
US-PATENT-CLASS-333-82B ..... c 32 N77-18307 *
US-PATENT-CLASS-333-83BT .... c 33 N75-30430 *
US-PATENT-CLASS-333-83R ..... c 36 N74-11313 *
US-PATENT-CLASS-333-83 ..... c 09 N71-24841 *
US-PATENT-CLASS-333-84M ..... c 09 N73-26195 *
US-PATENT-CLASS-333-8 ..... c 07 N69-24334 * #
US-PATENT-CLASS-333-95 ..... c 07 N71-27191 *

US-PATENT-CLASS-343-5MM ..... c 32 N77-21267 *
US-PATENT-CLASS-343-5NA ..... c 31 N79-28370 *
US-PATENT-CLASS-343-5W ..... c 35 N79-10391 *
US-PATENT-CLASS-343-5W ..... c 43 N80-18498 *
US-PATENT-CLASS-343-5W ..... c 46 N85-21846 *
US-PATENT-CLASS-343-6.BR ..... c 32 N77-20289 *
US-PATENT-CLASS-343-6.5R ..... c 07 N72-12080 *
US-PATENT-CLASS-343-6.5R ..... c 07 N72-21118 *
US-PATENT-CLASS-343-6.5R ..... c 07 N72-25171 *
US-PATENT-CLASS-343-6.5R ..... c 08 N72-25209 *
US-PATENT-CLASS-343-6.5R ..... c 07 N73-25161 *
US-PATENT-CLASS-343-6.5R ..... c 21 N73-30641 *
US-PATENT-CLASS-343-6.5R ..... c 32 N74-12912 *
US-PATENT-CLASS-343-6.5R ..... c 32 N75-15854 *
US-PATENT-CLASS-343-6.5R ..... c 03 N75-30132 *
US-PATENT-CLASS-343-6.5R ..... c 32 N77-20289 *
US-PATENT-CLASS-343-6.5SS ... c 32 N74-12912 *
US-PATENT-CLASS-343-6.5 ..... c 21 N71-11766 *
US-PATENT-CLASS-343-6.5 ..... c 10 N71-23099 *
US-PATENT-CLASS-343-6.8-R .... c 04 N86-19304 *
US-PATENT-CLASS-343-6.8R ..... c 07 N72-12080 *
US-PATENT-CLASS-343-6.8R ..... c 07 N73-25161 *
US-PATENT-CLASS-343-6.8R ..... c 14 N73-25461 *
US-PATENT-CLASS-343-6R ..... c 32 N79-10264 *
US-PATENT-CLASS-343-6 ..... c 30 N71-16090 *
US-PATENT-CLASS-343-7.4 ..... c 10 N72-22235 *
US-PATENT-CLASS-343-7.4 ..... c 32 N79-13214 *
US-PATENT-CLASS-343-7.5 ..... c 07 N69-39974 * #
US-PATENT-CLASS-343-7.5 ..... c 09 N71-24595 *
US-PATENT-CLASS-343-7.5 ..... c 07 N72-11149 *
US-PATENT-CLASS-343-7.5 ..... c 44 N74-19870 *
US-PATENT-CLASS-343-7.5 ..... c 32 N82-23376 *
US-PATENT-CLASS-343-700MS . c 32 N78-24391 *
US-PATENT-CLASS-343-700MS . c 32 N80-32604 *
US-PATENT-CLASS-343-700MS . c 32 N82-11336 *
US-PATENT-CLASS-343-700MS . c 32 N93-29507 *
US-PATENT-CLASS-343-700 ..... c 32 N93-29087 *
US-PATENT-CLASS-343-701 ..... c 32 N94-35231 *
US-PATENT-CLASS-343-703 ..... c 09 N71-13521 *
US-PATENT-CLASS-343-703 ..... c 07 N71-24614 *
US-PATENT-CLASS-343-705 ..... c 07 N70-38200 *
US-PATENT-CLASS-343-705 ..... c 07 N70-40202 *
US-PATENT-CLASS-343-705 ..... c 31 N71-10747 *
US-PATENT-CLASS-343-705 ..... c 03 N76-32140 *
US-PATENT-CLASS-343-706 ..... c 07 N72-21117 *
US-PATENT-CLASS-343-708 ..... c 09 N71-22888 *
US-PATENT-CLASS-343-708 ..... c 07 N71-22984 *
US-PATENT-CLASS-343-708 ..... c 07 N71-28980 *
US-PATENT-CLASS-343-708 ..... c 09 N72-25247 *
US-PATENT-CLASS-343-708 ..... c 32 N74-20864 *
US-PATENT-CLASS-343-708 ..... c 32 N82-11336 *
US-PATENT-CLASS-343-718 ..... c 09 N71-18720 *
US-PATENT-CLASS-343-720 ..... c 09 N72-12136 *
US-PATENT-CLASS-343-725 ..... c 07 N73-28013 *
US-PATENT-CLASS-343-727 ..... c 32 N81-14187 *
US-PATENT-CLASS-343-727 ..... c 32 N82-11336 *
US-PATENT-CLASS-343-729 ..... c 07 N73-28013 *
US-PATENT-CLASS-343-730 ..... c 32 N74-20863 *
US-PATENT-CLASS-343-754 ..... c 09 N73-19234 *
US-PATENT-CLASS-343-755 ..... c 33 N76-27472 *
US-PATENT-CLASS-343-755 ..... c 32 N81-25278 *
US-PATENT-CLASS-343-761 ..... c 33 N75-19516 *
US-PATENT-CLASS-343-761 ..... c 32 N76-21365 *
US-PATENT-CLASS-343-762 ..... c 07 N72-25174 *
US-PATENT-CLASS-343-766 ..... c 35 N92-33010 *
US-PATENT-CLASS-343-768 ..... c 10 N71-26142 *
US-PATENT-CLASS-343-769 ..... c 32 N74-20864 *
US-PATENT-CLASS-343-770 ..... c 09 N72-31235 *
US-PATENT-CLASS-343-770 ..... c 33 N76-14372 *
US-PATENT-CLASS-343-771 ..... c 07 N71-28809 *
US-PATENT-CLASS-343-771 ..... c 07 N72-11148 *
US-PATENT-CLASS-343-771 ..... c 09 N72-21244 *
US-PATENT-CLASS-343-771 ..... c 07 N72-22127 *
US-PATENT-CLASS-343-771 ..... c 09 N72-25247 *
US-PATENT-CLASS-343-771 ..... c 09 N72-31235 *
US-PATENT-CLASS-343-772 ..... c 07 N72-20141 *
US-PATENT-CLASS-343-772 ..... c 32 N81-25278 *
US-PATENT-CLASS-343-773 ..... c 07 N72-20141 *
US-PATENT-CLASS-343-776 ..... c 07 N71-12396 *
US-PATENT-CLASS-343-777 ..... c 07 N71-27233 *
US-PATENT-CLASS-343-777 ..... c 07 N72-25174 *
US-PATENT-CLASS-343-777 ..... c 32 N89-11961 *
US-PATENT-CLASS-343-778 ..... c 32 N89-11961 *
US-PATENT-CLASS-343-779 ..... c 07 N71-11285 *
US-PATENT-CLASS-343-779 ..... c 10 N72-22235 *
US-PATENT-CLASS-343-779 ..... c 07 N72-25174 *
US-PATENT-CLASS-343-779 ..... c 32 N76-15329 *
US-PATENT-CLASS-343-779 ..... c 33 N76-27472 *
US-PATENT-CLASS-343-779 ..... c 32 N89-11961 *
US-PATENT-CLASS-343-781CA .. c 32 N78-31321 *
US-PATENT-CLASS-343-781P .... c 46 N82-12685 *
US-PATENT-CLASS-343-781R .... c 32 N81-25278 *
US-PATENT-CLASS-343-781 ..... c 09 N70-35219 *
US-PATENT-CLASS-343-781 ..... c 09 N70-35382 *
US-PATENT-CLASS-343-781 ..... c 09 N70-35425 *
US-PATENT-CLASS-343-781 ..... c 07 N72-32169 *
US-PATENT-CLASS-343-781 ..... c 32 N74-11000 *
US-PATENT-CLASS-343-781 ..... c 33 N75-19516 *
US-PATENT-CLASS-343-781 ..... c 32 N76-21365 *
US-PATENT-CLASS-343-782 ..... c 07 N73-14130 *
US-PATENT-CLASS-343-782 ..... c 32 N78-31321 *
US-PATENT-CLASS-343-784 ..... c 07 N71-28980 *
US-PATENT-CLASS-343-786 ..... c 07 N71-15907 *
US-PATENT-CLASS-343-786 ..... c 07 N71-22750 *
US-PATENT-CLASS-343-786 ..... c 07 N71-26101 *
US-PATENT-CLASS-343-786 ..... c 07 N71-27233 *
US-PATENT-CLASS-343-786 ..... c 07 N72-20141 *
US-PATENT-CLASS-343-786 ..... c 10 N72-22235 *
US-PATENT-CLASS-343-786 ..... c 07 N72-25174 *
US-PATENT-CLASS-343-786 ..... c 09 N72-31235 *
US-PATENT-CLASS-343-786 ..... c 32 N74-20863 *
US-PATENT-CLASS-343-786 ..... c 32 N76-15330 *
US-PATENT-CLASS-343-786 ..... c 32 N76-21365 *
US-PATENT-CLASS-343-786 ..... c 32 N80-23524 *
US-PATENT-CLASS-343-786 ..... c 32 N80-29539 *
US-PATENT-CLASS-343-786 ..... c 32 N81-25278 *
US-PATENT-CLASS-343-789 ..... c 32 N81-14187 *
US-PATENT-CLASS-343-789 ..... c 32 N82-27558 *
US-PATENT-CLASS-343-795 ..... c 32 N82-11336 *
US-PATENT-CLASS-343-797 ..... c 09 N71-24842 *
US-PATENT-CLASS-343-797 ..... c 07 N72-22127 *
US-PATENT-CLASS-343-797 ..... c 09 N72-31235 *
US-PATENT-CLASS-343-797 ..... c 07 N73-28013 *
US-PATENT-CLASS-343-797 ..... c 32 N74-20863 *
US-PATENT-CLASS-343-797 ..... c 33 N76-14372 *
US-PATENT-CLASS-343-797 ..... c 32 N81-14187 *
US-PATENT-CLASS-343-799 ..... c 07 N71-27233 *
US-PATENT-CLASS-343-803 ..... c 07 N73-28013 *
US-PATENT-CLASS-343-819 ..... c 32 N93-29507 *
US-PATENT-CLASS-343-823 ..... c 07 N71-28979 *
US-PATENT-CLASS-343-830 ..... c 32 N80-32604 *
US-PATENT-CLASS-343-833 ..... c 31 N70-34135 *
US-PATENT-CLASS-343-833 ..... c 32 N93-29507 *
US-PATENT-CLASS-343-834 ..... c 32 N93-29507 *
US-PATENT-CLASS-343-837 ..... c 07 N72-32169 *
US-PATENT-CLASS-343-837 ..... c 07 N73-14130 *
US-PATENT-CLASS-343-837 ..... c 33 N75-19516 *
US-PATENT-CLASS-343-837 ..... c 32 N76-15329 *
US-PATENT-CLASS-343-837 ..... c 32 N76-18295 *
US-PATENT-CLASS-343-837 ..... c 32 N78-31321 *
US-PATENT-CLASS-343-839 ..... c 09 N73-19234 *
US-PATENT-CLASS-343-840 ..... c 07 N71-27233 *
US-PATENT-CLASS-343-840 ..... c 09 N72-12136 *
US-PATENT-CLASS-343-840 ..... c 07 N72-32169 *
US-PATENT-CLASS-343-840 ..... c 32 N76-18295 *
US-PATENT-CLASS-343-840 ..... c 33 N83-36355 *
US-PATENT-CLASS-343-844 ..... c 32 N79-11264 *
US-PATENT-CLASS-343-844 ..... c 32 N80-28578 *
US-PATENT-CLASS-343-846 ..... c 33 N76-14372 *
US-PATENT-CLASS-343-846 ..... c 32 N82-11336 *
US-PATENT-CLASS-343-853 ..... c 07 N72-11148 *
US-PATENT-CLASS-343-853 ..... c 07 N72-22127 *
US-PATENT-CLASS-343-853 ..... c 07 N72-25174 *
US-PATENT-CLASS-343-853 ..... c 09 N72-31235 *
US-PATENT-CLASS-343-853 ..... c 10 N73-16206 *
US-PATENT-CLASS-343-853 ..... c 32 N74-20863 *
US-PATENT-CLASS-343-853 ..... c 32 N74-20864 *
US-PATENT-CLASS-343-854 ..... c 07 N69-27460 * #
US-PATENT-CLASS-343-854 ..... c 07 N71-27233 *
US-PATENT-CLASS-343-854 ..... c 09 N73-19234 *
US-PATENT-CLASS-343-854 ..... c 33 N74-20860 *
US-PATENT-CLASS-343-854 ..... c 33 N76-27472 *
US-PATENT-CLASS-343-854 ..... c 32 N79-11264 *
US-PATENT-CLASS-343-854 ..... c 32 N80-28578 *
US-PATENT-CLASS-343-872 ..... c 07 N71-28980 *
US-PATENT-CLASS-343-873 ..... c 07 N71-19493 *
US-PATENT-CLASS-343-873 ..... c 09 N72-25247 *
US-PATENT-CLASS-343-876 ..... c 32 N76-15329 *
US-PATENT-CLASS-343-876 ..... c 32 N85-29118 *
US-PATENT-CLASS-343-880 ..... c 07 N73-26117 *
US-PATENT-CLASS-343-880 ..... c 18 N80-14183 *
US-PATENT-CLASS-343-880 ..... c 32 N89-25363 *
US-PATENT-CLASS-343-881 ..... c 37 N86-25789 *
US-PATENT-CLASS-343-882 ..... c 33 N76-32457 *
US-PATENT-CLASS-343-882 ..... c 37 N86-25789 *
US-PATENT-CLASS-343-883 ..... c 07 N73-26117 *
US-PATENT-CLASS-343-883 ..... c 18 N80-14183 *
US-PATENT-CLASS-343-883 ..... c 37 N86-25791 *
US-PATENT-CLASS-343-884 ..... c 07 N71-27191 *
US-PATENT-CLASS-343-889 ..... c 07 N73-26117 *
US-PATENT-CLASS-343-893 ..... c 09 N72-21244 *
US-PATENT-CLASS-343-893 ..... c 07 N73-28013 *
US-PATENT-CLASS-343-895 ..... c 09 N73-19234 *
US-PATENT-CLASS-343-895 ..... c 07 N73-26117 *
US-PATENT-CLASS-343-895 ..... c 32 N80-23524 *
US-PATENT-CLASS-343-895 ..... c 32 N82-27558 *
US-PATENT-CLASS-343-9PS ..... c 32 N83-19968 *
US-PATENT-CLASS-343-9PS ..... c 32 N83-31918 *
US-PATENT-CLASS-343-9R ..... c 32 N84-22820 *
US-PATENT-CLASS-343-909 ..... c 32 N74-11000 *
US-PATENT-CLASS-343-909 ..... c 35 N76-15435 *
US-PATENT-CLASS-343-909 ..... c 33 N79-28416 *
US-PATENT-CLASS-343-909 ..... c 32 N80-14281 *
US-PATENT-CLASS-343-912 ..... c 07 N72-21117 *
US-PATENT-CLASS-343-912 ..... c 07 N72-22127 *
US-PATENT-CLASS-343-912 ..... c 32 N76-18295 *
US-PATENT-CLASS-343-915 ..... c 31 N71-16102 *
US-PATENT-CLASS-343-915 ..... c 09 N71-20658 *
US-PATENT-CLASS-343-915 ..... c 07 N72-32169 *
US-PATENT-CLASS-343-915 ..... c 07 N73-14130 *
US-PATENT-CLASS-343-915 ..... c 07 N73-24176 *
US-PATENT-CLASS-343-915 ..... c 32 N76-18295 *
US-PATENT-CLASS-343-915 ..... c 33 N76-32457 *
US-PATENT-CLASS-343-915 ..... c 32 N89-25363 *
US-PATENT-CLASS-343-9 ..... c 32 N75-15854 *
US-PATENT-CLASS-343-9 ..... c 32 N79-10264 *
US-PATENT-CLASS-346-107A .... c 14 N72-18411 *
US-PATENT-CLASS-346-107 ..... c 23 N71-23976 *
US-PATENT-CLASS-346-108 ..... c 35 N74-15831 *
US-PATENT-CLASS-346-110 ..... c 14 N73-32322 *
US-PATENT-CLASS-346-138 ..... c 21 N73-13644 *
US-PATENT-CLASS-346-138 ..... c 35 N74-15831 *
US-PATENT-CLASS-346-1 ..... c 12 N71-20815 *
US-PATENT-CLASS-346-1 ..... c 09 N72-21246 *
US-PATENT-CLASS-346-23 ..... c 14 N72-18411 *
US-PATENT-CLASS-346-24 ..... c 35 N74-15831 *
US-PATENT-CLASS-346-29 ..... c 09 N72-21246 *
US-PATENT-CLASS-346-33R ..... c 35 N74-32877 *
US-PATENT-CLASS-346-44 ..... c 09 N69-21467 * #
US-PATENT-CLASS-346-50 ..... c 14 N71-21006 *
US-PATENT-CLASS-346-74MD .... c 21 N73-13644 *
US-PATENT-CLASS-346-74MT .... c 35 N79-16246 *
US-PATENT-CLASS-346R ..... c 73 N77-18891 *
US-PATENT-CLASS-348-114 ..... c 74 N94-35384 *
US-PATENT-CLASS-348-143 ..... c 74 N94-35384 *
US-PATENT-CLASS-348-159 ..... c 74 N94-35384 *
US-PATENT-CLASS-349 ..... c 25 N79-28253 *
US-PATENT-CLASS-35-10.2 ..... c 14 N71-15621 *
US-PATENT-CLASS-35-12C ..... c 14 N73-27377 *
US-PATENT-CLASS-35-12C ..... c 09 N75-15662 *
US-PATENT-CLASS-35-12C ..... c 74 N79-13855 *
US-PATENT-CLASS-35-12E ..... c 09 N74-30597 *
US-PATENT-CLASS-35-12E ..... c 09 N79-31228 *
US-PATENT-CLASS-35-12H ..... c 09 N79-31228 *
US-PATENT-CLASS-35-12N ..... c 09 N76-24280 *
US-PATENT-CLASS-35-12N ..... c 09 N78-18083 *
US-PATENT-CLASS-35-12N ..... c 74 N79-13855 *
US-PATENT-CLASS-35-12 ..... c 11 N70-34815 *
US-PATENT-CLASS-35-12 ..... c 31 N70-34966 *
US-PATENT-CLASS-35-12 ..... c 11 N71-10746 *
US-PATENT-CLASS-35-12 ..... c 11 N71-10748 *
US-PATENT-CLASS-35-12 ..... c 11 N71-10776 *
US-PATENT-CLASS-35-12 ..... c 11 N71-18773 *
US-PATENT-CLASS-35-12 ..... c 11 N71-19494 *
US-PATENT-CLASS-35-12 ..... c 11 N71-21474 *
US-PATENT-CLASS-35-12 ..... c 18 N76-14186 *
US-PATENT-CLASS-35-17 ..... c 05 N71-24606 *
US-PATENT-CLASS-35-19 ..... c 10 N71-27365 *
US-PATENT-CLASS-35-22R ..... c 05 N73-13114 *
US-PATENT-CLASS-35-29 ..... c 11 N71-16028 *
US-PATENT-CLASS-35-29 ..... c 05 N71-28619 *
US-PATENT-CLASS-35-35A ..... c 71 N74-21014 *
US-PATENT-CLASS-35-45 ..... c 14 N70-35394 *
US-PATENT-CLASS-35-49 ..... c 12 N69-39988 * #
US-PATENT-CLASS-35-8 ..... c 05 N72-16015 *
US-PATENT-CLASS-350-100 ..... c 36 N77-25501 *
US-PATENT-CLASS-350-102 ..... c 23 N71-29123 *
US-PATENT-CLASS-350-102 ..... c 36 N77-25501 *
US-PATENT-CLASS-350-102 ..... c 18 N91-27200 *
US-PATENT-CLASS-350-107 ..... c 18 N91-27200 *
US-PATENT-CLASS-350-138 ..... c 23 N72-27728 *
US-PATENT-CLASS-350-145 ..... c 74 N77-20882 *
US-PATENT-CLASS-350-147 ..... c 14 N72-27409 *
US-PATENT-CLASS-350-150 ..... c 26 N72-25680 *
US-PATENT-CLASS-350-150 ..... c 36 N76-18427 *
US-PATENT-CLASS-350-151 ..... c 36 N74-13205 *
US-PATENT-CLASS-350-151 ..... c 35 N78-29421 *
US-PATENT-CLASS-350-157 ..... c 74 N79-14891 *
US-PATENT-CLASS-350-159 ..... c 74 N78-17865 *
US-PATENT-CLASS-350-160R .... c 14 N72-25410 *
US-PATENT-CLASS-350-160R .... c 26 N72-25680 *
US-PATENT-CLASS-350-160 ..... c 36 N76-18427 *
US-PATENT-CLASS-350-161 ..... c 26 N72-27784 *
US-PATENT-CLASS-350-161 ..... c 36 N75-31427 *
US-PATENT-CLASS-350-162.13 .. c 74 N89-14078 *
US-PATENT-CLASS-350-162.13 .. c 74 N91-25840 *
US-PATENT-CLASS-350-162R .... c 74 N80-21140 *
US-PATENT-CLASS-350-162SF .. c 23 N73-30666 *
US-PATENT-CLASS-350-162SF .. c 74 N76-31998 *
US-PATENT-CLASS-350-162SF .. c 74 N77-28932 *
US-PATENT-CLASS-350-162SF .. c 36 N77-32478 *
US-PATENT-CLASS-350-162 ..... c 14 N72-17323 *
US-PATENT-CLASS-350-163 ..... c 36 N88-14350 *
US-PATENT-CLASS-350-165 ..... c 27 N78-31233 *
US-PATENT-CLASS-350-166 ..... c 44 N83-34448 *
US-PATENT-CLASS-350-168 ..... c 74 N85-23396 *
US-PATENT-CLASS-350-16 ..... c 14 N72-22444 *
US-PATENT-CLASS-350-170 ..... c 73 N78-32848 *

US-PATENT-CLASS-350-170 ..... c 74 N83-10900 *
US-PATENT-CLASS-350-171 ..... c 23 N72-23695 *
US-PATENT-CLASS-350-171 ..... c 74 N83-17305 *
US-PATENT-CLASS-350-172 ..... c 74 N84-23248 *
US-PATENT-CLASS-350-173 ..... c 73 N78-32848 *
US-PATENT-CLASS-350-173 ..... c 74 N83-36898 *
US-PATENT-CLASS-350-173 ..... c 74 N84-23248 *
US-PATENT-CLASS-350-174 ..... c 74 N77-20882 *
US-PATENT-CLASS-350-174 ..... c 73 N78-32848 *
US-PATENT-CLASS-350-174 ..... c 36 N88-14350 *
US-PATENT-CLASS-350-175E .... c 74 N80-27185 *
US-PATENT-CLASS-350-175FS .. c 14 N72-25414 *
US-PATENT-CLASS-350-175NG . c 27 N78-31233 *
US-PATENT-CLASS-350-189 ..... c 23 N71-24857 *
US-PATENT-CLASS-350-199 ..... c 14 N73-30393 *
US-PATENT-CLASS-350-19 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-1 ..... c 23 N69-24332 * #
US-PATENT-CLASS-350-1 ..... c 07 N71-29065 *
US-PATENT-CLASS-350-1 ..... c 16 N72-12440 *
US-PATENT-CLASS-350-1 ..... c 24 N76-24363 *
US-PATENT-CLASS-350-1 ..... c 74 N78-15879 *
US-PATENT-CLASS-350-202 ..... c 23 N73-20741 *
US-PATENT-CLASS-350-202 ..... c 74 N77-28932 *
US-PATENT-CLASS-350-203 ..... c 14 N72-25409 *
US-PATENT-CLASS-350-204 ..... c 14 N73-30393 *
US-PATENT-CLASS-350-204 ..... c 74 N78-17866 *
US-PATENT-CLASS-350-211 ..... c 44 N76-14602 *
US-PATENT-CLASS-350-213 ..... c 14 N71-15622 *
US-PATENT-CLASS-350-226 ..... c 74 N80-27185 *
US-PATENT-CLASS-350-236 ..... c 74 N74-15095 *
US-PATENT-CLASS-350-23 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-253 ..... c 35 N77-27366 *
US-PATENT-CLASS-350-25 ..... c 74 N80-21138 *
US-PATENT-CLASS-350-269 ..... c 33 N74-20861 *
US-PATENT-CLASS-350-26 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-270 ..... c 70 N74-21300 *
US-PATENT-CLASS-350-275 ..... c 09 N71-19479 *
US-PATENT-CLASS-350-276-R ... c 74 N86-20125 *
US-PATENT-CLASS-350-276R .... c 74 N86-28732 *
US-PATENT-CLASS-350-285 ..... c 14 N71-15605 *
US-PATENT-CLASS-350-285 ..... c 14 N71-17662 *
US-PATENT-CLASS-350-285 ..... c 19 N71-26674 *
US-PATENT-CLASS-350-285 ..... c 15 N72-11386 *
US-PATENT-CLASS-350-285 ..... c 16 N73-33397 *
US-PATENT-CLASS-350-285 ..... c 74 N74-15095 *
US-PATENT-CLASS-350-285 ..... c 74 N80-21138 *
US-PATENT-CLASS-350-286 ..... c 07 N71-29065 *
US-PATENT-CLASS-350-286 ..... c 73 N78-32848 *
US-PATENT-CLASS-350-286 ..... c 74 N83-10900 *
US-PATENT-CLASS-350-287 ..... c 15 N72-11386 *
US-PATENT-CLASS-350-287 ..... c 74 N83-13978 *
US-PATENT-CLASS-350-287 ..... c 35 N91-14590 *
US-PATENT-CLASS-350-288 ..... c 23 N71-29123 *
US-PATENT-CLASS-350-288 ..... c 12 N76-15189 *
US-PATENT-CLASS-350-288 ..... c 74 N77-28933 *
US-PATENT-CLASS-350-288 ..... c 44 N79-11471 *
US-PATENT-CLASS-350-288 ..... c 44 N79-24433 *
US-PATENT-CLASS-350-292 ..... c 35 N75-12273 *
US-PATENT-CLASS-350-292 ..... c 44 N79-14529 *
US-PATENT-CLASS-350-292 ..... c 44 N79-24432 *
US-PATENT-CLASS-350-293 ..... c 16 N73-16536 *
US-PATENT-CLASS-350-293 ..... c 12 N76-15189 *
US-PATENT-CLASS-350-293 ..... c 44 N76-24696 *
US-PATENT-CLASS-350-293 ..... c 44 N78-10554 *
US-PATENT-CLASS-350-293 ..... c 44 N79-14529 *
US-PATENT-CLASS-350-294 ..... c 89 N79-10969 *
US-PATENT-CLASS-350-294 ..... c 44 N79-24432 *
US-PATENT-CLASS-350-294 ..... c 32 N80-24510 *
US-PATENT-CLASS-350-295 ..... c 44 N77-32583 *
US-PATENT-CLASS-350-295 ..... c 44 N80-14473 *
US-PATENT-CLASS-350-296 ..... c 44 N79-24432 *
US-PATENT-CLASS-350-296 ..... c 44 N80-14473 *
US-PATENT-CLASS-350-299 ..... c 74 N74-21304 *
US-PATENT-CLASS-350-299 ..... c 44 N76-24696 *
US-PATENT-CLASS-350-299 ..... c 74 N77-28932 *
US-PATENT-CLASS-350-299 ..... c 44 N78-10554 *
US-PATENT-CLASS-350-299 ..... c 44 N78-31526 *
US-PATENT-CLASS-350-299 ..... c 44 N79-11471 *
US-PATENT-CLASS-350-299 ..... c 44 N79-24433 *
US-PATENT-CLASS-350-299 ..... c 36 N84-14509 *
US-PATENT-CLASS-350-2 ..... c 23 N71-30027 *
US-PATENT-CLASS-350-3.5 ..... c 16 N71-15551 *
US-PATENT-CLASS-350-3.5 ..... c 16 N71-15565 *
US-PATENT-CLASS-350-3.5 ..... c 16 N71-15567 *
US-PATENT-CLASS-350-3.5 ..... c 16 N71-26154 *
US-PATENT-CLASS-350-3.5 ..... c 16 N71-29131 *
US-PATENT-CLASS-350-3.5 ..... c 14 N72-17324 *
US-PATENT-CLASS-350-3.5 ..... c 16 N73-30476 *
US-PATENT-CLASS-350-3.5 ..... c 35 N74-15146 *
US-PATENT-CLASS-350-3.5 ..... c 35 N74-17153 *
US-PATENT-CLASS-350-3.5 ..... c 35 N74-26946 *
US-PATENT-CLASS-350-3.5 ..... c 35 N75-25124 *
US-PATENT-CLASS-350-3.5 ..... c 35 N75-27328 *
US-PATENT-CLASS-350-3.5 ..... c 35 N76-18402 *
US-PATENT-CLASS-350-3.5 ..... c 35 N78-17357 *
US-PATENT-CLASS-350-3.5 ..... c 38 N78-32447 *
US-PATENT-CLASS-350-3.64 ..... c 35 N91-13694 *
US-PATENT-CLASS-350-3.68 ..... c 74 N91-25840 *
US-PATENT-CLASS-350-3.73 ..... c 36 N87-23960 *
US-PATENT-CLASS-350-3.81 ..... c 36 N87-23960 *
US-PATENT-CLASS-350-301 ..... c 74 N81-17886 *
US-PATENT-CLASS-350-310 ..... c 11 N69-24321 * #
US-PATENT-CLASS-350-310 ..... c 23 N71-24868 *
US-PATENT-CLASS-350-310 ..... c 23 N71-29123 *
US-PATENT-CLASS-350-310 ..... c 23 N71-33229 *
US-PATENT-CLASS-350-310 ..... c 23 N72-22673 *
US-PATENT-CLASS-350-310 ..... c 74 N77-28933 *
US-PATENT-CLASS-350-311 ..... c 74 N75-25706 *
US-PATENT-CLASS-350-312 ..... c 16 N72-12440 *
US-PATENT-CLASS-350-312 ..... c 74 N85-29750 *
US-PATENT-CLASS-350-315 ..... c 74 N86-29650 * #
US-PATENT-CLASS-350-316 ..... c 27 N83-36220 *
US-PATENT-CLASS-350-318 ..... c 74 N86-29650 * #
US-PATENT-CLASS-350-319 ..... c 74 N85-29750 *
US-PATENT-CLASS-350-319 ..... c 74 N86-20125 *
US-PATENT-CLASS-350-319 ..... c 09 N87-14355 *
US-PATENT-CLASS-350-320 ..... c 74 N77-28933 *
US-PATENT-CLASS-350-320 ..... c 44 N77-32583 *
US-PATENT-CLASS-350-320 ..... c 73 N78-32848 *
US-PATENT-CLASS-350-320 ..... c 44 N79-14529 *
US-PATENT-CLASS-350-320 ..... c 74 N85-29749 *
US-PATENT-CLASS-350-320 ..... c 35 N91-13694 *
US-PATENT-CLASS-350-321 ..... c 74 N85-29750 *
US-PATENT-CLASS-350-331-R ... c 74 N89-14078 *
US-PATENT-CLASS-350-335 ..... c 74 N86-21348 *
US-PATENT-CLASS-350-337 ..... c 74 N89-14078 *
US-PATENT-CLASS-350-342 ..... c 76 N85-33826 *
US-PATENT-CLASS-350-342 ..... c 74 N89-14078 *
US-PATENT-CLASS-350-353 ..... c 74 N83-19597 *
US-PATENT-CLASS-350-353 ..... c 74 N91-26918 *
US-PATENT-CLASS-350-354 ..... c 32 N86-20647 *
US-PATENT-CLASS-350-354 ..... c 74 N89-14077 *
US-PATENT-CLASS-350-354 ..... c 35 N91-13694 *
US-PATENT-CLASS-350-354 ..... c 74 N91-26918 *
US-PATENT-CLASS-350-356 ..... c 74 N90-22383 *
US-PATENT-CLASS-350-358 ..... c 36 N82-29589 *
US-PATENT-CLASS-350-358 ..... c 74 N91-26918 *
US-PATENT-CLASS-350-359 ..... c 36 N80-16321 *
US-PATENT-CLASS-350-35 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-36 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-370 ..... c 35 N81-33448 *
US-PATENT-CLASS-350-443 ..... c 74 N84-23248 *
US-PATENT-CLASS-350-445 ..... c 74 N83-36898 *
US-PATENT-CLASS-350-448 ..... c 74 N86-20125 *
US-PATENT-CLASS-350-453 ..... c 36 N82-32712 *
US-PATENT-CLASS-350-486 ..... c 74 N83-13978 *
US-PATENT-CLASS-350-49 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-500 ..... c 35 N91-14590 *
US-PATENT-CLASS-350-505 ..... c 74 N85-23396 *
US-PATENT-CLASS-350-505 ..... c 74 N86-28732 *
US-PATENT-CLASS-350-529 ..... c 37 N91-21545 *
US-PATENT-CLASS-350-52 ..... c 14 N72-22441 *
US-PATENT-CLASS-350-52 ..... c 14 N72-22444 *
US-PATENT-CLASS-350-537 ..... c 74 N86-20125 *
US-PATENT-CLASS-350-55 ..... c 23 N71-33229 *
US-PATENT-CLASS-350-55 ..... c 14 N73-30393 *
US-PATENT-CLASS-350-55 ..... c 23 N73-30666 *
US-PATENT-CLASS-350-55 ..... c 89 N79-10969 *
US-PATENT-CLASS-350-55 ..... c 74 N80-33210 *
US-PATENT-CLASS-350-572 ..... c 36 N88-14350 *
US-PATENT-CLASS-350-573 ..... c 36 N88-14350 *
US-PATENT-CLASS-350-576 ..... c 35 N91-14591 *
US-PATENT-CLASS-350-580 ..... c 74 N86-20125 *
US-PATENT-CLASS-350-58 ..... c 14 N71-15604 *
US-PATENT-CLASS-350-6.5 ..... c 32 N80-24510 *
US-PATENT-CLASS-350-6.5 ..... c 74 N87-21679 *
US-PATENT-CLASS-350-6.6 ..... c 32 N80-24510 *
US-PATENT-CLASS-350-619 ..... c 74 N85-23396 *
US-PATENT-CLASS-350-6 ..... c 14 N69-27461 * #
US-PATENT-CLASS-350-6 ..... c 36 N74-15145 *
US-PATENT-CLASS-350-79 ..... c 14 N72-32452 *
US-PATENT-CLASS-350-7 ..... c 74 N74-15095 *
US-PATENT-CLASS-350-86 ..... c 14 N72-22445 *
US-PATENT-CLASS-350-96.10 .... c 74 N84-11921 *
US-PATENT-CLASS-350-96.15 .... c 74 N84-11921 *
US-PATENT-CLASS-350-96.15 .... c 74 N85-29749 *
US-PATENT-CLASS-350-96.16 .... c 74 N83-29032 *
US-PATENT-CLASS-350-96.21 .... c 74 N89-25689 *
US-PATENT-CLASS-350-96.25 .... c 33 N81-29342 *
US-PATENT-CLASS-350-96.25 .... c 74 N89-25689 *
US-PATENT-CLASS-350-96.29 .... c 74 N91-21871 *
US-PATENT-CLASS-350-96R ..... c 60 N77-14751 *
US-PATENT-CLASS-350-96R ..... c 60 N77-32731 *
US-PATENT-CLASS-350-96R ..... c 60 N78-10709 *
US-PATENT-CLASS-350-96WG ... c 36 N75-31427 *
US-PATENT-CLASS-350-96WG ... c 36 N76-18428 *
US-PATENT-CLASS-350-96WG ... c 36 N76-24553 *
US-PATENT-CLASS-350-96 ..... c 07 N71-26291 *
US-PATENT-CLASS-350-97 ..... c 18 N91-27200 *
US-PATENT-CLASS-351-166 ..... c 74 N78-32854 *
US-PATENT-CLASS-351-203 ..... c 52 N89-16256 *
US-PATENT-CLASS-351-206 ..... c 52 N87-24874 *
US-PATENT-CLASS-351-206 ..... c 52 N92-28755 *
US-PATENT-CLASS-351-208 ..... c 52 N87-24874 *
US-PATENT-CLASS-351-221 ..... c 52 N92-28755 *
US-PATENT-CLASS-351-237 ..... c 52 N89-16256 *
US-PATENT-CLASS-351-23 ..... c 05 N73-26072 *
US-PATENT-CLASS-351-23 ..... c 52 N76-30793 *
US-PATENT-CLASS-351-30 ..... c 05 N73-26072 *
US-PATENT-CLASS-351-30 ..... c 52 N76-30793 *
US-PATENT-CLASS-351-36 ..... c 05 N73-26072 *
US-PATENT-CLASS-351-36 ..... c 52 N76-30793 *
US-PATENT-CLASS-351-38 ..... c 54 N75-27759 *
US-PATENT-CLASS-352-169 ..... c 14 N73-14427 *
US-PATENT-CLASS-352-171 ..... c 35 N82-26628 *
US-PATENT-CLASS-352-84 ..... c 16 N71-33410 *
US-PATENT-CLASS-352-84 ..... c 14 N72-18411 *
US-PATENT-CLASS-353-54 ..... c 34 N74-23066 *
US-PATENT-CLASS-353-61 ..... c 34 N74-23066 *
US-PATENT-CLASS-354-118 ..... c 74 N81-17886 *
US-PATENT-CLASS-354-217 ..... c 35 N82-26628 *
US-PATENT-CLASS-354-234 ..... c 33 N74-20861 *
US-PATENT-CLASS-354-234 ..... c 70 N74-21300 *
US-PATENT-CLASS-354-289 ..... c 35 N82-26628 *
US-PATENT-CLASS-354-479 ..... c 74 N86-28732 *
US-PATENT-CLASS-354-62 ..... c 52 N87-24874 *
US-PATENT-CLASS-354-77 ..... c 74 N79-20856 *
US-PATENT-CLASS-355-18 ..... c 14 N73-33361 *
US-PATENT-CLASS-356-103 ..... c 14 N71-28994 *
US-PATENT-CLASS-356-103 ..... c 36 N75-15028 *
US-PATENT-CLASS-356-103 ..... c 74 N78-13874 *
US-PATENT-CLASS-356-104 ..... c 16 N71-24074 *
US-PATENT-CLASS-356-104 ..... c 74 N78-13874 *
US-PATENT-CLASS-356-106LR .. c 36 N75-19653 *
US-PATENT-CLASS-356-106R .... c 72 N74-19310 *
US-PATENT-CLASS-356-106R .... c 36 N76-14447 *
US-PATENT-CLASS-356-106R .... c 35 N77-10493 *
US-PATENT-CLASS-356-106R .... c 47 N77-10753 *
US-PATENT-CLASS-356-106S .... c 23 N73-13661 *
US-PATENT-CLASS-356-106S .... c 35 N76-31490 *
US-PATENT-CLASS-356-106S .... c 35 N78-18391 *
US-PATENT-CLASS-356-1065 .... c 35 N74-23040 *
US-PATENT-CLASS-356-106 ..... c 14 N71-17627 *
US-PATENT-CLASS-356-106 ..... c 14 N71-17655 *
US-PATENT-CLASS-356-106 ..... c 14 N71-27215 *
US-PATENT-CLASS-356-106 ..... c 14 N73-12446 *
US-PATENT-CLASS-356-106 ..... c 35 N74-15146 *
US-PATENT-CLASS-356-107 ..... c 16 N71-24170 *
US-PATENT-CLASS-356-108 ..... c 26 N73-26751 *
US-PATENT-CLASS-356-108 ..... c 16 N73-30476 *
US-PATENT-CLASS-356-109 ..... c 16 N73-30476 *
US-PATENT-CLASS-356-110 ..... c 14 N73-25463 *
US-PATENT-CLASS-356-110 ..... c 35 N78-18391 *
US-PATENT-CLASS-356-112 ..... c 72 N74-19310 *
US-PATENT-CLASS-356-113 ..... c 14 N72-17323 *
US-PATENT-CLASS-356-113 ..... c 35 N74-23040 *
US-PATENT-CLASS-356-114 ..... c 14 N73-12446 *
US-PATENT-CLASS-356-114 ..... c 35 N76-31490 *
US-PATENT-CLASS-356-117 ..... c 23 N71-16101 *
US-PATENT-CLASS-356-120 ..... c 74 N78-27904 *
US-PATENT-CLASS-356-123 ..... c 74 N76-19935 *
US-PATENT-CLASS-356-124 ..... c 74 N76-19935 *
US-PATENT-CLASS-356-124 ..... c 74 N79-11865 *
US-PATENT-CLASS-356-128 ..... c 76 N87-25862 *
US-PATENT-CLASS-356-129 ..... c 74 N79-20856 *
US-PATENT-CLASS-356-129 ..... c 76 N87-25862 *
US-PATENT-CLASS-356-138 ..... c 14 N72-20379 *
US-PATENT-CLASS-356-138 ..... c 16 N73-33397 *
US-PATENT-CLASS-356-141 ..... c 14 N72-27409 *
US-PATENT-CLASS-356-141 ..... c 14 N73-28490 *
US-PATENT-CLASS-356-141 ..... c 36 N74-21091 *
US-PATENT-CLASS-356-141 ..... c 89 N74-30886 *
US-PATENT-CLASS-356-141 ..... c 74 N77-22951 *
US-PATENT-CLASS-356-141 ..... c 09 N91-14356 *
US-PATENT-CLASS-356-141 ..... c 35 N91-15512 *
US-PATENT-CLASS-356-147 ..... c 89 N74-30886 *
US-PATENT-CLASS-356-148 ..... c 16 N73-33397 *
US-PATENT-CLASS-356-150 ..... c 15 N71-28740 *
US-PATENT-CLASS-356-150 ..... c 74 N80-21138 *
US-PATENT-CLASS-356-152 ..... c 15 N71-28740 *
US-PATENT-CLASS-356-152 ..... c 16 N72-13437 *
US-PATENT-CLASS-356-152 ..... c 14 N72-20379 *
US-PATENT-CLASS-356-152 ..... c 14 N72-27409 *
US-PATENT-CLASS-356-152 ..... c 14 N73-25462 *
US-PATENT-CLASS-356-152 ..... c 36 N74-15145 *
US-PATENT-CLASS-356-152 ..... c 36 N74-21091 *
US-PATENT-CLASS-356-152 ..... c 74 N74-21304 *
US-PATENT-CLASS-356-152 ..... c 74 N77-22951 *
US-PATENT-CLASS-356-152 ..... c 74 N80-21138 *
US-PATENT-CLASS-356-152 ..... c 37 N81-27519 *
US-PATENT-CLASS-356-152 ..... c 09 N91-14356 *
US-PATENT-CLASS-356-152 ..... c 35 N91-15512 *
US-PATENT-CLASS-356-153 ..... c 15 N71-28740 *
US-PATENT-CLASS-356-153 ..... c 23 N71-29125 *
US-PATENT-CLASS-356-153 ..... c 16 N73-33397 *
US-PATENT-CLASS-356-153 ..... c 18 N76-14186 *
US-PATENT-CLASS-356-154 ..... c 15 N71-26673 *
US-PATENT-CLASS-356-159 ..... c 36 N78-14380 *

US-PATENT-CLASS-356-160 ..... c 36 N78-14380 *
US-PATENT-CLASS-356-161 ..... c 26 N73-26751 *
US-PATENT-CLASS-356-162 ..... c 66 N76-19888 *
US-PATENT-CLASS-356-165 ..... c 38 N78-17396 *
US-PATENT-CLASS-356-166 ..... c 14 N71-23175 *
US-PATENT-CLASS-356-167 ..... c 14 N72-11364 *
US-PATENT-CLASS-356-167 ..... c 66 N76-19888 *
US-PATENT-CLASS-356-167 ..... c 74 N78-27904 *
US-PATENT-CLASS-356-169 ..... c 60 N78-10709 *
US-PATENT-CLASS-356-171 ..... c 74 N77-22950 *
US-PATENT-CLASS-356-172 ..... c 16 N73-33397 *
US-PATENT-CLASS-356-172 ..... c 36 N74-21091 *
US-PATENT-CLASS-356-172 ..... c 74 N77-22951 *
US-PATENT-CLASS-356-17 ..... c 14 N72-21409 *
US-PATENT-CLASS-356-180 ..... c 35 N74-27860 *
US-PATENT-CLASS-356-186 ..... c 35 N75-19613 *
US-PATENT-CLASS-356-188 ..... c 35 N84-33766 *
US-PATENT-CLASS-356-189 ..... c 35 N75-19613 *
US-PATENT-CLASS-356-189 ..... c 35 N84-33766 *
US-PATENT-CLASS-356-18 ..... c 14 N72-21409 *
US-PATENT-CLASS-356-197 ..... c 37 N74-18123 *
US-PATENT-CLASS-356-199 ..... c 36 N78-14380 *
US-PATENT-CLASS-356-1 ..... c 36 N83-34304 *
US-PATENT-CLASS-356-1 ..... c 36 N88-24958 *
US-PATENT-CLASS-356-1 ..... c 09 N91-14356 *
US-PATENT-CLASS-356-201 ..... c 75 N74-30156 *
US-PATENT-CLASS-356-201 ..... c 35 N77-14411 *
US-PATENT-CLASS-356-202 ..... c 26 N73-26751 *
US-PATENT-CLASS-356-203 ..... c 14 N71-26788 *
US-PATENT-CLASS-356-204 ..... c 35 N77-14411 *
US-PATENT-CLASS-356-204 ..... c 74 N78-17867 *
US-PATENT-CLASS-356-207 ..... c 45 N76-17656 *
US-PATENT-CLASS-356-208 ..... c 74 N78-33913 *
US-PATENT-CLASS-356-209 ..... c 23 N71-16341 *
US-PATENT-CLASS-356-209 ..... c 14 N71-28993 *
US-PATENT-CLASS-356-209 ..... c 14 N72-17323 *
US-PATENT-CLASS-356-209 ..... c 35 N76-31490 *
US-PATENT-CLASS-356-210 ..... c 74 N79-11865 *
US-PATENT-CLASS-356-212 ..... c 35 N77-31465 *
US-PATENT-CLASS-356-213 ..... c 39 N81-25400 *
US-PATENT-CLASS-356-216 ..... c 74 N74-15095 *
US-PATENT-CLASS-356-216 ..... c 35 N80-18359 *
US-PATENT-CLASS-356-216 ..... c 39 N81-25400 *
US-PATENT-CLASS-356-216 ..... c 35 N84-22931 *
US-PATENT-CLASS-356-222 ..... c 03 N72-20033 *
US-PATENT-CLASS-356-222 ..... c 47 N83-32232 *
US-PATENT-CLASS-356-234 ..... c 39 N81-25400 *
US-PATENT-CLASS-356-234 ..... c 35 N84-22931 *
US-PATENT-CLASS-356-236 ..... c 74 N77-21941 *
US-PATENT-CLASS-356-236 ..... c 74 N86-26190 *
US-PATENT-CLASS-356-237 ..... c 74 N77-10899 *
US-PATENT-CLASS-356-237 ..... c 38 N78-17395 *
US-PATENT-CLASS-356-237 ..... c 38 N78-17396 *
US-PATENT-CLASS-356-237 ..... c 35 N79-28527 *
US-PATENT-CLASS-356-239 ..... c 74 N77-10899 *
US-PATENT-CLASS-356-241 ..... c 14 N72-32452 *
US-PATENT-CLASS-356-243 ..... c 36 N80-16321 *
US-PATENT-CLASS-356-244 ..... c 14 N72-17323 *
US-PATENT-CLASS-356-244 ..... c 35 N76-31490 *
US-PATENT-CLASS-356-244 ..... c 35 N80-28687 *
US-PATENT-CLASS-356-244 ..... c 74 N86-26190 *
US-PATENT-CLASS-356-246 ..... c 35 N74-27860 *
US-PATENT-CLASS-356-246 ..... c 74 N78-17867 *
US-PATENT-CLASS-356-246 ..... c 74 N87-14971 *
US-PATENT-CLASS-356-248 ..... c 14 N72-22444 *
US-PATENT-CLASS-356-256 ..... c 36 N87-28006 *
US-PATENT-CLASS-356-28.5 ..... c 32 N80-24510 *
US-PATENT-CLASS-356-28.5 ..... c 36 N81-24422 *
US-PATENT-CLASS-356-28.5 ..... c 36 N82-32712 *
US-PATENT-CLASS-356-28.5 ..... c 35 N86-32697 *
US-PATENT-CLASS-356-28.5 ..... c 35 N87-14669 *
US-PATENT-CLASS-356-28.5 ..... c 36 N87-17026 *
US-PATENT-CLASS-356-28.5 ..... c 36 N88-14350 *
US-PATENT-CLASS-356-28.5 ..... c 33 N89-14384 *
US-PATENT-CLASS-356-28.5 ..... c 33 N89-14385 *
US-PATENT-CLASS-356-28.5 ..... c 36 N90-25340 *
US-PATENT-CLASS-356-28.5 ..... c 74 N94-23309 *
US-PATENT-CLASS-356-28.5 ..... c 32 N94-23827 *
US-PATENT-CLASS-356-28 ..... c 21 N71-19212 *
US-PATENT-CLASS-356-28 ..... c 16 N71-24828 *
US-PATENT-CLASS-356-28 ..... c 72 N74-19310 *
US-PATENT-CLASS-356-28 ..... c 36 N75-15028 *
US-PATENT-CLASS-356-28 ..... c 35 N75-16783 *
US-PATENT-CLASS-356-28 ..... c 36 N76-14447 *
US-PATENT-CLASS-356-28 ..... c 36 N77-25501 *
US-PATENT-CLASS-356-28 ..... c 74 N78-17866 *
US-PATENT-CLASS-356-28 ..... c 35 N79-18296 *
US-PATENT-CLASS-356-28 ..... c 36 N80-16321 *
US-PATENT-CLASS-356-28 ..... c 36 N87-17026 *
US-PATENT-CLASS-356-28 ..... c 36 N90-25340 *
US-PATENT-CLASS-356-28 ..... c 02 N92-34172 *
US-PATENT-CLASS-356-300 ..... c 43 N79-17288 *
US-PATENT-CLASS-356-300 ..... c 20 N93-18856 *
US-PATENT-CLASS-356-301 ..... c 35 N87-14669 *
US-PATENT-CLASS-356-311 ..... c 35 N86-25753 *
US-PATENT-CLASS-356-311 ..... c 20 N93-18856 *
US-PATENT-CLASS-356-318 ..... c 35 N86-25753 *
US-PATENT-CLASS-356-318 ..... c 02 N92-34172 *
US-PATENT-CLASS-356-323 ..... c 74 N85-23396 *
US-PATENT-CLASS-356-326 ..... c 74 N93-29086 *
US-PATENT-CLASS-356-328 ..... c 35 N80-26635 *
US-PATENT-CLASS-356-328 ..... c 74 N93-13419 *
US-PATENT-CLASS-356-32 ..... c 14 N72-11364 *
US-PATENT-CLASS-356-32 ..... c 32 N73-20740 *
US-PATENT-CLASS-356-32 ..... c 39 N81-25400 *
US-PATENT-CLASS-356-32 ..... c 39 N94-23308 *
US-PATENT-CLASS-356-330 ..... c 74 N85-23396 *
US-PATENT-CLASS-356-331 ..... c 74 N85-23396 *
US-PATENT-CLASS-356-334 ..... c 74 N80-21140 *
US-PATENT-CLASS-356-342 ..... c 32 N94-23827 *
US-PATENT-CLASS-356-345 ..... c 74 N81-17888 *
US-PATENT-CLASS-356-345 ..... c 74 N81-29963 *
US-PATENT-CLASS-356-345 ..... c 36 N84-14509 *
US-PATENT-CLASS-356-345 ..... c 74 N86-21348 *
US-PATENT-CLASS-356-345 ..... c 74 N91-21871 *
US-PATENT-CLASS-356-345 ..... c 74 N94-35749 *
US-PATENT-CLASS-356-346 ..... c 35 N80-20563 *
US-PATENT-CLASS-356-346 ..... c 74 N81-29963 *
US-PATENT-CLASS-356-347 ..... c 35 N84-22829 *
US-PATENT-CLASS-356-347 ..... c 35 N89-26202 *
US-PATENT-CLASS-356-349 ..... c 36 N82-16396 *
US-PATENT-CLASS-356-350 ..... c 35 N81-33448 *
US-PATENT-CLASS-356-350 ..... c 74 N87-23259 *
US-PATENT-CLASS-356-351 ..... c 35 N81-33448 *
US-PATENT-CLASS-356-351 ..... c 35 N85-30282 *
US-PATENT-CLASS-356-351 ..... c 74 N92-22034 *
US-PATENT-CLASS-356-352 ..... c 74 N81-17888 *
US-PATENT-CLASS-356-353 ..... c 74 N83-32577 *
US-PATENT-CLASS-356-354 ..... c 74 N94-35749 *
US-PATENT-CLASS-356-356 ..... c 36 N81-24422 *
US-PATENT-CLASS-356-356 ..... c 74 N93-11058 *
US-PATENT-CLASS-356-357 ..... c 74 N83-21949 *
US-PATENT-CLASS-356-358 ..... c 74 N81-17888 *
US-PATENT-CLASS-356-358 ..... c 36 N81-24422 *
US-PATENT-CLASS-356-358 ..... c 35 N85-30282 *
US-PATENT-CLASS-356-359 ..... c 74 N94-35749 *
US-PATENT-CLASS-356-360 ..... c 74 N92-22034 *
US-PATENT-CLASS-356-360 ..... c 74 N93-11058 *
US-PATENT-CLASS-356-360 ..... c 74 N94-35749 *
US-PATENT-CLASS-356-361 ..... c 35 N89-26202 *
US-PATENT-CLASS-356-363 ..... c 74 N83-32577 *
US-PATENT-CLASS-356-363 ..... c 74 N92-22034 *
US-PATENT-CLASS-356-369 ..... c 35 N80-28687 *
US-PATENT-CLASS-356-36 ..... c 23 N71-16365 *
US-PATENT-CLASS-356-36 ..... c 20 N93-18856 *
US-PATENT-CLASS-356-370 ..... c 74 N92-29117 *
US-PATENT-CLASS-356-375 ..... c 74 N91-32922 *
US-PATENT-CLASS-356-376 ..... c 36 N88-24958 *
US-PATENT-CLASS-356-376 ..... c 74 N93-11058 *
US-PATENT-CLASS-356-37 ..... c 45 N76-21742 *
US-PATENT-CLASS-356-386 ..... c 36 N82-16396 *
US-PATENT-CLASS-356-389 ..... c 33 N87-14594 *
US-PATENT-CLASS-356-394 ..... c 33 N83-18996 *
US-PATENT-CLASS-356-399 ..... c 74 N91-32922 *
US-PATENT-CLASS-356-4.5 ..... c 74 N86-21348 *
US-PATENT-CLASS-356-4.5 ..... c 74 N86-32266 *
US-PATENT-CLASS-356-402 ..... c 74 N86-29650 * #
US-PATENT-CLASS-356-404 ..... c 35 N79-28527 *
US-PATENT-CLASS-356-406 ..... c 52 N81-27783 *
US-PATENT-CLASS-356-407 ..... c 43 N79-17288 *
US-PATENT-CLASS-356-407 ..... c 52 N81-27783 *
US-PATENT-CLASS-356-409 ..... c 36 N87-28006 *
US-PATENT-CLASS-356-414 ..... c 74 N92-29117 *
US-PATENT-CLASS-356-416 ..... c 43 N79-17288 *
US-PATENT-CLASS-356-416 ..... c 52 N81-27783 *
US-PATENT-CLASS-356-419 ..... c 74 N86-29650 * #
US-PATENT-CLASS-356-432 ..... c 74 N81-17887 *
US-PATENT-CLASS-356-432 ..... c 25 N81-25159 *
US-PATENT-CLASS-356-432 ..... c 38 N92-29154 *
US-PATENT-CLASS-356-434 ..... c 35 N84-34705 *
US-PATENT-CLASS-356-437 ..... c 25 N81-14015 *
US-PATENT-CLASS-356-43 ..... c 74 N74-15095 *
US-PATENT-CLASS-356-43 ..... c 75 N74-30156 *
US-PATENT-CLASS-356-43 ..... c 36 N85-21639 *
US-PATENT-CLASS-356-43 ..... c 36 N90-17132 *
US-PATENT-CLASS-356-43 ..... c 35 N94-35114 *
US-PATENT-CLASS-356-446 ..... c 74 N86-26190 *
US-PATENT-CLASS-356-45 ..... c 36 N85-21639 *
US-PATENT-CLASS-356-4 ..... c 14 N72-17326 *
US-PATENT-CLASS-356-4 ..... c 07 N73-26119 *
US-PATENT-CLASS-356-4 ..... c 36 N74-15145 *
US-PATENT-CLASS-356-4 ..... c 35 N75-15014 *
US-PATENT-CLASS-356-4 ..... c 36 N83-34304 *
US-PATENT-CLASS-356-4 ..... c 36 N88-24958 *
US-PATENT-CLASS-356-51 ..... c 06 N72-31141 *
US-PATENT-CLASS-356-51 ..... c 35 N75-30502 *
US-PATENT-CLASS-356-51 ..... c 35 N83-21311 *
US-PATENT-CLASS-356-51 ..... c 35 N84-34705 *
US-PATENT-CLASS-356-51 ..... c 36 N87-28006 *
US-PATENT-CLASS-356-51 ..... c 74 N93-29086 *
US-PATENT-CLASS-356-5 ..... c 07 N73-26119 *
US-PATENT-CLASS-356-5 ..... c 36 N74-15145 *
US-PATENT-CLASS-356-5 ..... c 36 N75-15028 *
US-PATENT-CLASS-356-5 ..... c 32 N82-23376 *
US-PATENT-CLASS-356-5 ..... c 74 N85-34629 *
US-PATENT-CLASS-356-5 ..... c 74 N86-32266 *
US-PATENT-CLASS-356-5 ..... c 32 N87-14559 *
US-PATENT-CLASS-356-5 ..... c 35 N91-15512 *
US-PATENT-CLASS-356-5 ..... c 74 N91-27957 *
US-PATENT-CLASS-356-5 ..... c 74 N94-20591 *
US-PATENT-CLASS-356-5 ..... c 32 N94-23827 *
US-PATENT-CLASS-356-71 ..... c 66 N76-19888 *
US-PATENT-CLASS-356-72 ..... c 14 N71-23268 *
US-PATENT-CLASS-356-72 ..... c 33 N73-27796 *
US-PATENT-CLASS-356-72 ..... c 38 N78-32447 *
US-PATENT-CLASS-356-72 ..... c 74 N80-33210 *
US-PATENT-CLASS-356-72 ..... c 35 N86-32697 *
US-PATENT-CLASS-356-73.1 ..... c 76 N90-24150 *
US-PATENT-CLASS-356-73 ..... c 75 N74-30156 *
US-PATENT-CLASS-356-73 ..... c 38 N78-32447 *
US-PATENT-CLASS-356-73 ..... c 35 N84-33766 *
US-PATENT-CLASS-356-73 ..... c 09 N86-32447 *
US-PATENT-CLASS-356-73 ..... c 35 N86-32697 *
US-PATENT-CLASS-356-73 ..... c 76 N90-24150 *
US-PATENT-CLASS-356-74 ..... c 30 N71-15990 *
US-PATENT-CLASS-356-74 ..... c 35 N84-33766 *
US-PATENT-CLASS-356-76 ..... c 23 N71-26206 *
US-PATENT-CLASS-356-76 ..... c 14 N71-29041 *
US-PATENT-CLASS-356-83 ..... c 35 N75-19613 *
US-PATENT-CLASS-356-85 ..... c 37 N74-18123 *
US-PATENT-CLASS-356-85 ..... c 75 N74-30156 *
US-PATENT-CLASS-356-87 ..... c 75 N74-30156 *
US-PATENT-CLASS-356-96 ..... c 35 N75-19613 *
US-PATENT-CLASS-356-97 ..... c 35 N77-14411 *
US-PATENT-CLASS-357-12 ..... c 33 N85-21492 *
US-PATENT-CLASS-357-13 ..... c 35 N90-17118 *
US-PATENT-CLASS-357-15 ..... c 44 N78-13526 *
US-PATENT-CLASS-357-15 ..... c 44 N79-11467 *
US-PATENT-CLASS-357-15 ..... c 44 N81-29525 *
US-PATENT-CLASS-357-15 ..... c 76 N86-20150 *
US-PATENT-CLASS-357-15 ..... c 33 N91-14551 *
US-PATENT-CLASS-357-15 ..... c 33 N91-21434 *
US-PATENT-CLASS-357-15 ..... c 33 N92-16197 *
US-PATENT-CLASS-357-16 ..... c 44 N78-13526 *
US-PATENT-CLASS-357-16 ..... c 44 N79-11467 *
US-PATENT-CLASS-357-16 ..... c 74 N91-25841 *
US-PATENT-CLASS-357-16 ..... c 76 N93-11056 *
US-PATENT-CLASS-357-17 ..... c 36 N85-30305 *
US-PATENT-CLASS-357-17 ..... c 74 N91-25841 *
US-PATENT-CLASS-357-22 ..... c 33 N79-11314 *
US-PATENT-CLASS-357-22 ..... c 33 N79-12321 *
US-PATENT-CLASS-357-22 ..... c 33 N90-20282 *
US-PATENT-CLASS-357-23.12 .... c 76 N87-13313 *
US-PATENT-CLASS-357-23.1 ..... c 76 N87-13313 *
US-PATENT-CLASS-357-23.6 ..... c 33 N86-19516 *
US-PATENT-CLASS-357-231 ..... c 33 N88-14271 *
US-PATENT-CLASS-357-23 ..... c 76 N75-25730 *
US-PATENT-CLASS-357-23 ..... c 33 N79-12321 *
US-PATENT-CLASS-357-23 ..... c 33 N81-26360 *
US-PATENT-CLASS-357-24 ..... c 33 N75-31331 *
US-PATENT-CLASS-357-24 ..... c 33 N88-14271 *
US-PATENT-CLASS-357-27 ..... c 35 N91-14588 *
US-PATENT-CLASS-357-28 ..... c 35 N92-33614 *
US-PATENT-CLASS-357-29 ..... c 76 N75-25730 *
US-PATENT-CLASS-357-29 ..... c 35 N84-33765 *
US-PATENT-CLASS-357-29 ..... c 76 N87-13313 *
US-PATENT-CLASS-357-29 ..... c 35 N90-21358 *
US-PATENT-CLASS-357-29 ..... c 33 N91-14551 *
US-PATENT-CLASS-357-29 ..... c 33 N92-16196 *
US-PATENT-CLASS-357-30 ..... c 44 N76-28635 *
US-PATENT-CLASS-357-30 ..... c 44 N78-13526 *
US-PATENT-CLASS-357-30 ..... c 44 N78-24609 *
US-PATENT-CLASS-357-30 ..... c 44 N78-25527 *
US-PATENT-CLASS-357-30 ..... c 44 N79-11467 *
US-PATENT-CLASS-357-30 ..... c 44 N79-14528 *
US-PATENT-CLASS-357-30 ..... c 44 N79-31752 *
US-PATENT-CLASS-357-30 ..... c 44 N80-29835 *
US-PATENT-CLASS-357-30 ..... c 44 N81-19558 *
US-PATENT-CLASS-357-30 ..... c 44 N81-29525 *
US-PATENT-CLASS-357-30 ..... c 44 N82-26777 *
US-PATENT-CLASS-357-30 ..... c 44 N82-29709 *
US-PATENT-CLASS-357-30 ..... c 44 N82-31764 *
US-PATENT-CLASS-357-30 ..... c 44 N83-13579 *
US-PATENT-CLASS-357-30 ..... c 44 N83-32177 *
US-PATENT-CLASS-357-30 ..... c 35 N84-33765 *
US-PATENT-CLASS-357-30 ..... c 33 N85-21492 *
US-PATENT-CLASS-357-30 ..... c 44 N85-21768 *
US-PATENT-CLASS-357-30 ..... c 44 N85-30475 *
US-PATENT-CLASS-357-30 ..... c 33 N86-19516 *
US-PATENT-CLASS-357-30 ..... c 76 N86-20150 *
US-PATENT-CLASS-357-30 ..... c 44 N86-32875 *
US-PATENT-CLASS-357-30 ..... c 76 N87-13313 *
US-PATENT-CLASS-357-30 ..... c 33 N87-23879 *
US-PATENT-CLASS-357-30 ..... c 33 N88-14271 *
US-PATENT-CLASS-357-30 ..... c 33 N88-14271 *
US-PATENT-CLASS-357-30 ..... c 76 N88-14836 *
US-PATENT-CLASS-357-30 ..... c 35 N90-17118 *
US-PATENT-CLASS-357-30 ..... c 35 N90-21358 *

US-PATENT-CLASS-357-30 ..... c 33 N91-14551 *
US-PATENT-CLASS-357-30 ..... c 35 N91-14588 *
US-PATENT-CLASS-357-30 ..... c 33 N91-21434 *
US-PATENT-CLASS-357-30 ..... c 74 N91-25841 *
US-PATENT-CLASS-357-30 ..... c 44 N91-27614 *
US-PATENT-CLASS-357-30 ..... c 76 N93-11056 *
US-PATENT-CLASS-357-30 ..... c 74 N93-13419 *
US-PATENT-CLASS-357-32 ..... c 35 N84-33765 *
US-PATENT-CLASS-357-32 ..... c 33 N91-14551 *
US-PATENT-CLASS-357-34 ..... c 74 N91-25841 *
US-PATENT-CLASS-357-35 ..... c 33 N87-23879 *
US-PATENT-CLASS-357-40 ..... c 36 N85-30305 *
US-PATENT-CLASS-357-41 ..... c 33 N79-12321 *
US-PATENT-CLASS-357-42 ..... c 76 N75-25730 *
US-PATENT-CLASS-357-45 ..... c 33 N79-12321 *
US-PATENT-CLASS-357-45 ..... c 44 N79-26475 *
US-PATENT-CLASS-357-46 ..... c 36 N85-30305 *
US-PATENT-CLASS-357-46 ..... c 74 N91-25841 *
US-PATENT-CLASS-357-47 ..... c 33 N92-16197 *
US-PATENT-CLASS-357-4 ..... c 33 N78-13320 *
US-PATENT-CLASS-357-4 ..... c 76 N85-30922 *
US-PATENT-CLASS-357-4 ..... c 35 N90-17118 *
US-PATENT-CLASS-357-4 ..... c 35 N90-21358 *
US-PATENT-CLASS-357-4 ..... c 76 N92-22041 *
US-PATENT-CLASS-357-4 ..... c 76 N93-11056 *
US-PATENT-CLASS-357-50 ..... c 76 N85-30922 *
US-PATENT-CLASS-357-52 ..... c 76 N75-25730 *
US-PATENT-CLASS-357-52 ..... c 44 N80-29835 *
US-PATENT-CLASS-357-52 ..... c 76 N87-13313 *
US-PATENT-CLASS-357-54 ..... c 76 N75-25730 *
US-PATENT-CLASS-357-55 ..... c 33 N79-12321 *
US-PATENT-CLASS-357-55 ..... c 33 N81-26360 *
US-PATENT-CLASS-357-55 ..... c 33 N90-20282 *
US-PATENT-CLASS-357-55 ..... c 33 N92-16197 *
US-PATENT-CLASS-357-56 ..... c 33 N88-14271 *
US-PATENT-CLASS-357-58 ..... c 33 N86-19516 *
*US-PATENT-CLASS-357-58 ..... c 35 N90-21358 **
US-PATENT-CLASS-357-58 ..... c 33 N91-14551 *
US-PATENT-CLASS-357-59 ..... c 44 N76-28635 *
US-PATENT-CLASS-357-59 ..... c 44 N78-24609 *
US-PATENT-CLASS-357-59 ..... c 44 N81-19558 *
US-PATENT-CLASS-357-59 ..... c 33 N86-19516 *
US-PATENT-CLASS-357-5 ..... c 33 N75-31332 *
US-PATENT-CLASS-357-5 ..... c 33 N78-13320 *
US-PATENT-CLASS-357-5 ..... c 76 N92-22040 *
US-PATENT-CLASS-357-5 ..... c 76 N92-22041 *
US-PATENT-CLASS-357-60 ..... c 33 N81-26360 *
US-PATENT-CLASS-357-61 ..... c 33 N88-14271 *
US-PATENT-CLASS-357-61 ..... c 35 N90-17118 *
US-PATENT-CLASS-357-63 ..... c 33 N76-31409 *
US-PATENT-CLASS-357-63 ..... c 44 N81-19558 *
US-PATENT-CLASS-357-63 ..... c 44 N82-26777 *
US-PATENT-CLASS-357-65 ..... c 44 N78-25527 *
US-PATENT-CLASS-357-65 ..... c 44 N79-11467 *
US-PATENT-CLASS-357-65 ..... c 44 N79-31752 *
US-PATENT-CLASS-357-65 ..... c 33 N88-14271 *
US-PATENT-CLASS-357-67S ..... c 33 N91-21434 *
US-PATENT-CLASS-357-67 ..... c 44 N78-25527 *
US-PATENT-CLASS-357-67 ..... c 44 N79-11467 *
US-PATENT-CLASS-357-67 ..... c 44 N79-31752 *
US-PATENT-CLASS-357-68 ..... c 33 N90-20282 *
US-PATENT-CLASS-357-68 ..... c 33 N92-16197 *
US-PATENT-CLASS-357-69 ..... c 33 N92-16197 *
US-PATENT-CLASS-357-71S ..... c 33 N91-21434 *
US-PATENT-CLASS-357-72 ..... c 33 N88-23941 *
US-PATENT-CLASS-357-73 ..... c 33 N78-13320 *
US-PATENT-CLASS-357-74 ..... c 37 N79-28549 *
US-PATENT-CLASS-357-74 ..... c 33 N88-23941 *
US-PATENT-CLASS-357-76 ..... c 33 N90-20282 *
US-PATENT-CLASS-357-79 ..... c 37 N79-28549 *
US-PATENT-CLASS-357-7 ..... c 33 N75-31331 *
US-PATENT-CLASS-357-81 ..... c 37 N79-28549 *
US-PATENT-CLASS-357-81 ..... c 33 N88-23941 *
US-PATENT-CLASS-357-81 ..... c 33 N90-20282 *
US-PATENT-CLASS-357-82 ..... c 37 N79-28549 *
US-PATENT-CLASS-357-82 ..... c 76 N91-28014 *
US-PATENT-CLASS-357-83 ..... c 37 N79-28549 *
US-PATENT-CLASS-357-90 ..... c 35 N90-21358 *
US-PATENT-CLASS-357-91 ..... c 76 N75-25730 *
US-PATENT-CLASS-357-91 ..... c 33 N78-27326 *
US-PATENT-CLASS-357-91 ..... c 44 N80-29835 *
US-PATENT-CLASS-357-91 ..... c 33 N81-26360 *
US-PATENT-CLASS-357-91 ..... c 44 N86-32875 *
US-PATENT-CLASS-358-101 ..... c 37 N86-21850 *
US-PATENT-CLASS-358-101 ..... c 32 N93-18284 *
*US-PATENT-CLASS-358-103 ..... c 18 N92-28750 **
US-PATENT-CLASS-358-103 ..... c 32 N93-18284 *
US-PATENT-CLASS-358-104 ..... c 09 N78-18083 *
US-PATENT-CLASS-358-104 ..... c 74 N79-13855 *
US-PATENT-CLASS-358-104 ..... c 36 N83-34304 *
US-PATENT-CLASS-358-105 ..... c 39 N83-20280 *
US-PATENT-CLASS-358-105 ..... c 74 N86-21348 *
US-PATENT-CLASS-358-105 ..... c 17 N87-25348 *
US-PATENT-CLASS-358-105 ..... c 54 N92-29129 *
US-PATENT-CLASS-358-106 ..... c 39 N78-16387 *
US-PATENT-CLASS-358-107 ..... c 35 N79-18296 *
US-PATENT-CLASS-358-107 ..... c 36 N88-24958 *
US-PATENT-CLASS-358-108 ..... c 32 N93-18284 *
US-PATENT-CLASS-358-109 ..... c 32 N79-20297 *
US-PATENT-CLASS-358-109 ..... c 33 N81-33403 *
US-PATENT-CLASS-358-109 ..... c 43 N82-13465 *
US-PATENT-CLASS-358-109 ..... c 36 N83-34304 *
US-PATENT-CLASS-358-109 ..... c 32 N85-29117 *
US-PATENT-CLASS-358-109 ..... c 35 N90-22769 *
US-PATENT-CLASS-358-111 ..... c 52 N79-10724 *
US-PATENT-CLASS-358-113 ..... c 35 N90-22770 *
US-PATENT-CLASS-358-125 ..... c 74 N84-23247 *
US-PATENT-CLASS-358-125 ..... c 74 N86-21348 *
US-PATENT-CLASS-358-12 ..... c 74 N92-33017 *
US-PATENT-CLASS-358-133 ..... c 32 N77-24328 *
US-PATENT-CLASS-358-133 ..... c 32 N85-29117 *
US-PATENT-CLASS-358-133 ..... c 17 N87-25348 *
US-PATENT-CLASS-358-133 ..... c 32 N92-10128 *
US-PATENT-CLASS-358-133 ..... c 74 N93-18276 *
US-PATENT-CLASS-358-135 ..... c 32 N92-10128 *
US-PATENT-CLASS-358-138 ..... c 32 N77-24328 *
US-PATENT-CLASS-358-138 ..... c 17 N87-25348 *
US-PATENT-CLASS-358-142 ..... c 74 N78-14889 *
US-PATENT-CLASS-358-160 ..... c 60 N92-16563 *
US-PATENT-CLASS-358-161 ..... c 32 N85-21427 *
US-PATENT-CLASS-358-168 ..... c 32 N86-20647 *
US-PATENT-CLASS-358-174 ..... c 32 N85-21427 *
US-PATENT-CLASS-358-181 ..... c 32 N93-18284 *
US-PATENT-CLASS-358-183 ..... c 60 N92-16563 *
US-PATENT-CLASS-358-213 ..... c 33 N81-33403 *
US-PATENT-CLASS-358-213 ..... c 33 N82-24416 *
US-PATENT-CLASS-358-213 ..... c 74 N84-23247 *
US-PATENT-CLASS-358-217 ..... c 32 N85-21427 *
US-PATENT-CLASS-358-219 ..... c 32 N85-21427 *
US-PATENT-CLASS-358-222 ..... c 74 N86-28732 *
US-PATENT-CLASS-358-225 ..... c 74 N78-17865 *
US-PATENT-CLASS-358-22 ..... c 60 N92-16563 *
*US-PATENT-CLASS-358-231 ..... c 74 N93-13711 **
US-PATENT-CLASS-358-232 ..... c 74 N93-13711 *
US-PATENT-CLASS-358-36 ..... c 32 N75-21485 *
US-PATENT-CLASS-358-41 ..... c 74 N78-17865 *
US-PATENT-CLASS-358-44 ..... c 74 N77-18893 *
US-PATENT-CLASS-358-55 ..... c 74 N78-17865 *
US-PATENT-CLASS-358-61 ..... c 74 N93-13711 *
US-PATENT-CLASS-358-81 ..... c 32 N79-20297 *
US-PATENT-CLASS-358-88 ..... c 74 N86-21348 *
US-PATENT-CLASS-358-88 ..... c 32 N89-28676 *
US-PATENT-CLASS-358-88 ..... c 74 N92-16809 *
US-PATENT-CLASS-358-88 ..... c 74 N93-18276 *
US-PATENT-CLASS-358-91 ..... c 32 N89-28676 *
US-PATENT-CLASS-358-91 ..... c 74 N92-16809 *
US-PATENT-CLASS-358-92 ..... c 32 N89-28676 *
US-PATENT-CLASS-358-92 ..... c 74 N92-16809 *
US-PATENT-CLASS-358-93 ..... c 35 N90-22770 *
US-PATENT-CLASS-358-96 ..... c 52 N79-10724 *
US-PATENT-CLASS-359.849 ..... c 74 N92-29122 *
US-PATENT-CLASS-359-107 ..... c 60 N92-33057 *
US-PATENT-CLASS-359-108 ..... c 60 N92-33057 *
US-PATENT-CLASS-359-11 ..... c 74 N92-16808 *
US-PATENT-CLASS-359-154 ..... c 74 N94-23270 *
US-PATENT-CLASS-359-158 ..... c 74 N94-23270 *
US-PATENT-CLASS-359-161 ..... c 36 N93-18287 *
US-PATENT-CLASS-359-173 ..... c 74 N94-23270 *
US-PATENT-CLASS-359-17 ..... c 74 N94-20591 *
US-PATENT-CLASS-359-183 ..... c 74 N94-23270 *
US-PATENT-CLASS-359-189 ..... c 74 N94-23270 *
US-PATENT-CLASS-359-18 ..... c 74 N94-20591 *
US-PATENT-CLASS-359-230 ..... c 37 N92-29151 *
US-PATENT-CLASS-359-236 ..... c 37 N92-29151 *
US-PATENT-CLASS-359-240 ..... c 74 N92-16808 *
US-PATENT-CLASS-359-241 ..... c 74 N92-16808 *
US-PATENT-CLASS-359-241 ..... c 74 N92-33028 *
US-PATENT-CLASS-359-246 ..... c 74 N92-29117 *
US-PATENT-CLASS-359-247 ..... c 74 N92-29117 *
*US-PATENT-CLASS-359-281 ..... c 74 N92-29117 **
US-PATENT-CLASS-359-308 ..... c 74 N93-29086 *
US-PATENT-CLASS-359-359 ..... c 74 N94-10657 *
US-PATENT-CLASS-359-360 ..... c 74 N94-10657 *
US-PATENT-CLASS-359-362 ..... c 74 N92-16810 *
US-PATENT-CLASS-359-362 ..... c 74 N94-23309 *
US-PATENT-CLASS-359-498 ..... c 36 N92-16290 *
US-PATENT-CLASS-359-557 ..... c 74 N92-16811 *
US-PATENT-CLASS-359-559 ..... c 74 N92-33022 *
US-PATENT-CLASS-359-559 ..... c 60 N92-33057 *
US-PATENT-CLASS-359-561 ..... c 74 N92-33022 *
US-PATENT-CLASS-359-561 ..... c 60 N92-33057 *
*US-PATENT-CLASS-359-561 ..... c 74 N94-20303 **
US-PATENT-CLASS-359-572 ..... c 74 N92-16810 *
US-PATENT-CLASS-359-582 ..... c 74 N94-10657 *
US-PATENT-CLASS-359-585 ..... c 74 N94-10657 *
US-PATENT-CLASS-359-67 ..... c 39 N93-29613 *
US-PATENT-CLASS-359-67 ..... c 39 N94-23308 *
US-PATENT-CLASS-359-744 ..... c 74 N92-16810 *
US-PATENT-CLASS-359-74 ..... c 39 N93-29613 *
US-PATENT-CLASS-359-7 ..... c 74 N92-33022 *
US-PATENT-CLASS-359-813 ..... c 74 N92-16811 *
US-PATENT-CLASS-359-819 ..... c 74 N92-16811 *
US-PATENT-CLASS-359-82 ..... c 39 N93-29613 *
US-PATENT-CLASS-359-849 ..... c 74 N94-20305 *
US-PATENT-CLASS-359-859 ..... c 74 N93-13419 *
US-PATENT-CLASS-359-892 ..... c 74 N94-10657 *
US-PATENT-CLASS-359-896 ..... c 74 N94-20345 *
US-PATENT-CLASS-36-119 ..... c 54 N78-17675 *
US-PATENT-CLASS-36-92 ..... c 54 N78-17675 *
US-PATENT-CLASS-360-101 ..... c 35 N76-16391 *
US-PATENT-CLASS-360-10 ..... c 35 N76-16391 *
US-PATENT-CLASS-360-25 ..... c 35 N77-17426 *
US-PATENT-CLASS-360-26 ..... c 33 N76-18353 *
US-PATENT-CLASS-360-31 ..... c 35 N77-17426 *
US-PATENT-CLASS-360-35 ..... c 35 N76-16391 *
US-PATENT-CLASS-360-48 ..... c 60 N92-29132 *
US-PATENT-CLASS-360-51 ..... c 33 N76-18353 *
US-PATENT-CLASS-360-98.01 ..... c 60 N92-29132 *
US-PATENT-CLASS-360-9 ..... c 35 N76-16391 *
US-PATENT-CLASS-361-100 ..... c 33 N83-34190 *
US-PATENT-CLASS-361-141 ..... c 33 N82-11357 *
US-PATENT-CLASS-361-148 ..... c 70 N92-29130 *
US-PATENT-CLASS-361-149 ..... c 70 N92-29130 *
US-PATENT-CLASS-361-170 ..... c 33 N79-28415 *
US-PATENT-CLASS-361-218 ..... c 03 N88-14083 *
US-PATENT-CLASS-361-218 ..... c 24 N94-20539 *
US-PATENT-CLASS-361-222 ..... c 03 N88-14083 *
US-PATENT-CLASS-361-226 ..... c 28 N82-18401 *
US-PATENT-CLASS-361-230 ..... c 28 N82-18401 *
US-PATENT-CLASS-361-267 ..... c 70 N92-29130 *
US-PATENT-CLASS-361-283 ..... c 33 N82-26572 *
US-PATENT-CLASS-361-334 ..... c 35 N81-26431 *
US-PATENT-CLASS-361-383 ..... c 31 N90-21215 *
US-PATENT-CLASS-361-384 ..... c 31 N90-21215 *
US-PATENT-CLASS-361-385 ..... c 31 N90-21215 *
US-PATENT-CLASS-361-386 ..... c 24 N93-29614 *
US-PATENT-CLASS-361-394 ..... c 32 N93-29087 *
US-PATENT-CLASS-361-395 ..... c 32 N78-24391 *
*US-PATENT-CLASS-361-500 ..... c 33 N94-23820 **
US-PATENT-CLASS-361-56 ..... c 33 N81-27397 *
US-PATENT-CLASS-361-65 ..... c 33 N90-20320 *
US-PATENT-CLASS-361-704 ..... c 24 N94-35076 *
US-PATENT-CLASS-361-707 ..... c 24 N94-35076 *
US-PATENT-CLASS-361-79 ..... c 33 N90-20320 *
US-PATENT-CLASS-361-91 ..... c 33 N81-27397 *
US-PATENT-CLASS-362-11 ..... c 74 N81-17886 *
US-PATENT-CLASS-362-241 ..... c 74 N81-17886 *
US-PATENT-CLASS-362-269 ..... c 17 N78-17140 *
US-PATENT-CLASS-363-100 ..... c 33 N85-29147 *
US-PATENT-CLASS-363-101 ..... c 33 N78-32341 *
US-PATENT-CLASS-363-101 ..... c 33 N81-19392 *
US-PATENT-CLASS-363-132 ..... c 33 N82-18494 *
US-PATENT-CLASS-363-134 ..... c 33 N79-24257 *
US-PATENT-CLASS-363-147 ..... c 44 N81-12542 *
US-PATENT-CLASS-363-16 ..... c 33 N78-32341 *
US-PATENT-CLASS-363-17 ..... c 33 N82-18494 *
US-PATENT-CLASS-363-19 ..... c 33 N85-29147 *
US-PATENT-CLASS-363-21 ..... c 33 N81-19392 *
US-PATENT-CLASS-363-21 ..... c 33 N81-19393 *
US-PATENT-CLASS-363-22 ..... c 33 N84-33663 *
US-PATENT-CLASS-363-23 ..... c 33 N85-29147 *
US-PATENT-CLASS-363-24 ..... c 33 N81-33404 *
US-PATENT-CLASS-363-25 ..... c 33 N84-16453 *
US-PATENT-CLASS-363-27 ..... c 44 N81-12542 *
US-PATENT-CLASS-363-36 ..... c 33 N81-19393 *
US-PATENT-CLASS-363-40 ..... c 33 N81-19393 *
US-PATENT-CLASS-363-47 ..... c 33 N81-19393 *
US-PATENT-CLASS-363-49 ..... c 33 N84-33663 *
US-PATENT-CLASS-363-53 ..... c 33 N77-30365 *
US-PATENT-CLASS-363-54 ..... c 33 N83-34190 *
US-PATENT-CLASS-363-56 ..... c 33 N79-24254 *
*US-PATENT-CLASS-363-56 ..... c 33 N81-14220 **
US-PATENT-CLASS-363-56 ..... c 33 N81-33404 *
US-PATENT-CLASS-363-57 ..... c 33 N78-10377 *
US-PATENT-CLASS-363-60 ..... c 33 N78-32341 *
*US-PATENT-CLASS-363-60 ..... c 44 N81-12542 **
US-PATENT-CLASS-363-60 ..... c 33 N93-18278 *
US-PATENT-CLASS-363-61 ..... c 33 N82-18494 *
US-PATENT-CLASS-363-61 ..... c 33 N85-29147 *
US-PATENT-CLASS-363-65 ..... c 33 N84-16453 *
US-PATENT-CLASS-363-67 ..... c 33 N84-16453 *
US-PATENT-CLASS-363-70 ..... c 33 N77-30365 *
US-PATENT-CLASS-363-71 ..... c 33 N79-24254 *
US-PATENT-CLASS-363-71 ..... c 33 N79-24257 *
US-PATENT-CLASS-363-71 ..... c 33 N81-14220 *
US-PATENT-CLASS-363-71 ..... c 33 N84-16453 *
US-PATENT-CLASS-363-71 ..... c 33 N85-29147 *
US-PATENT-CLASS-363-78 ..... c 33 N81-14220 *
US-PATENT-CLASS-363-87 ..... c 33 N83-10345 *
US-PATENT-CLASS-363-89 ..... c 33 N78-10377 *
US-PATENT-CLASS-363-95 ..... c 33 N79-24257 *
US-PATENT-CLASS-363-97 ..... c 33 N79-24254 *
US-PATENT-CLASS-363-97 ..... c 09 N88-28939 *
US-PATENT-CLASS-364-DIG.1 ..... c 61 N93-18855 *
US-PATENT-CLASS-364-DIG.1 ..... c 60 N93-29608 *
US-PATENT-CLASS-364-106 ..... c 07 N81-19115 *
US-PATENT-CLASS-364-120 ..... c 52 N79-12694 *
US-PATENT-CLASS-364-131 ..... c 60 N89-26400 *

US-PATENT-CLASS-364-148 ..... c 74 N94-20305 *
US-PATENT-CLASS-364-187 ..... c 61 N93-18855 *
US-PATENT-CLASS-364-191 ..... c 63 N92-33019 *
US-PATENT-CLASS-364-200 ..... c 62 N81-24779 *
US-PATENT-CLASS-364-200 ..... c 60 N81-27814 *
US-PATENT-CLASS-364-200 ..... c 60 N83-25378 *
US-PATENT-CLASS-364-200 ..... c 60 N83-32342 *
US-PATENT-CLASS-364-200 ..... c 32 N85-21428 *
US-PATENT-CLASS-364-200 ..... c 60 N85-21992 *
US-PATENT-CLASS-364-200 ..... c 60 N88-29310 *
US-PATENT-CLASS-364-200 ..... c 62 N91-25693 * #
US-PATENT-CLASS-364-228.3 .... c 62 N91-14769 *
US-PATENT-CLASS-364-229.4 .... c 60 N90-21527 *
US-PATENT-CLASS-364-229 ..... c 61 N93-18855 *
US-PATENT-CLASS-364-231.9 .... c 62 N91-14769 *
US-PATENT-CLASS-364-231.9 .... c 60 N93-29608 *
US-PATENT-CLASS-364-240 ..... c 61 N93-18855 *
US-PATENT-CLASS-364-243 ..... c 61 N93-18855 *
US-PATENT-CLASS-364-267.9 .... c 60 N90-21527 *
US-PATENT-CLASS-364-280 ..... c 62 N91-14769 *
US-PATENT-CLASS-364-281.3 .... c 62 N91-25693 * #
US-PATENT-CLASS-364-281.6 .... c 62 N91-25693 * #
US-PATENT-CLASS-364-281.8 .... c 62 N91-25693 * #
US-PATENT-CLASS-364-281 ..... c 62 N91-14769 *
US-PATENT-CLASS-364-281 ..... c 62 N91-25693 * #
US-PATENT-CLASS-364-300 ..... c 52 N79-12694 *
US-PATENT-CLASS-364-300 ..... c 62 N91-14769 *
US-PATENT-CLASS-364-400 ..... c 33 N85-29142 *
US-PATENT-CLASS-364-401 ..... c 63 N94-35501 *
US-PATENT-CLASS-364-402 ..... c 62 N92-15620 * #
US-PATENT-CLASS-364-413 ..... c 39 N83-20280 *
US-PATENT-CLASS-364-415 ..... c 52 N79-12694 *
US-PATENT-CLASS-364-415 ..... c 35 N84-12445 *
US-PATENT-CLASS-364-417 ..... c 52 N79-10724 *
US-PATENT-CLASS-364-424.01 .. c 54 N92-29129 *
US-PATENT-CLASS-364-427 ..... c 09 N90-20096 *
US-PATENT-CLASS-364-427 ..... c 04 N91-31120 *
US-PATENT-CLASS-364-428 ..... c 04 N91-31120 *
US-PATENT-CLASS-364-431 ..... c 07 N81-19115 *
US-PATENT-CLASS-364-433 ..... c 06 N86-27280 *
US-PATENT-CLASS-364-433 ..... c 09 N91-14356 *
US-PATENT-CLASS-364-434 ..... c 08 N79-23097 *
US-PATENT-CLASS-364-434 ..... c 08 N81-24106 *
US-PATENT-CLASS-364-435 ..... c 06 N86-27280 *
US-PATENT-CLASS-364-443 ..... c 47 N92-29148 *
US-PATENT-CLASS-364-452 ..... c 04 N84-27713 *
US-PATENT-CLASS-364-453 ..... c 18 N81-29152 *
US-PATENT-CLASS-364-453 ..... c 33 N85-29142 *
US-PATENT-CLASS-364-458 ..... c 32 N79-14267 *
US-PATENT-CLASS-364-459 ..... c 18 N92-28750 *
US-PATENT-CLASS-364-478 ..... c 37 N91-21544 *
US-PATENT-CLASS-364-481 ..... c 33 N90-19492 *
US-PATENT-CLASS-364-482 ..... c 33 N90-19492 *
US-PATENT-CLASS-364-484 ..... c 33 N89-14385 *
US-PATENT-CLASS-364-487 ..... c 17 N91-14371 *
US-PATENT-CLASS-364-500 ..... c 25 N88-29002 *
US-PATENT-CLASS-364-508 ..... c 39 N94-10671 *
US-PATENT-CLASS-364-510 ..... c 34 N81-26402 *
US-PATENT-CLASS-364-513 ..... c 61 N91-14741 *
US-PATENT-CLASS-364-513 ..... c 37 N91-21542 *
US-PATENT-CLASS-364-513 ..... c 37 N91-21544 *
US-PATENT-CLASS-364-513 ..... c 33 N91-31528 *
US-PATENT-CLASS-364-513 ..... c 63 N91-31885 *
US-PATENT-CLASS-364-513 ..... c 62 N91-32852 *
US-PATENT-CLASS-364-514 ..... c 33 N81-33405 *
US-PATENT-CLASS-364-522 ..... c 39 N83-20280 *
US-PATENT-CLASS-364-525 ..... c 74 N94-20305 *
US-PATENT-CLASS-364-550 ..... c 17 N91-14371 *
US-PATENT-CLASS-364-556 ..... c 36 N85-29264 *
US-PATENT-CLASS-364-557 ..... c 35 N84-14491 *
US-PATENT-CLASS-364-557 ..... c 25 N88-29002 *
US-PATENT-CLASS-364-557 ..... c 35 N94-35383 *
US-PATENT-CLASS-364-558 ..... c 35 N84-14491 *
US-PATENT-CLASS-364-558 ..... c 07 N84-22559 *
US-PATENT-CLASS-364-559 ..... c 39 N83-20280 *
US-PATENT-CLASS-364-559 ..... c 74 N94-20305 *
US-PATENT-CLASS-364-560 ..... c 43 N79-26439 *
US-PATENT-CLASS-364-561 ..... c 36 N88-24958 *
US-PATENT-CLASS-364-566 ..... c 18 N81-29152 *
US-PATENT-CLASS-364-571.01 .. c 71 N93-24602 *
US-PATENT-CLASS-364-571.03 .. c 39 N94-10671 *
US-PATENT-CLASS-364-571 ..... c 34 N81-26402 *
US-PATENT-CLASS-364-571 ..... c 35 N84-14491 *
US-PATENT-CLASS-364-571 ..... c 33 N85-34333 *
US-PATENT-CLASS-364-571 ..... c 25 N88-29002 *
US-PATENT-CLASS-364-575 ..... c 74 N93-11058 *
US-PATENT-CLASS-364-578 ..... c 33 N85-34333 *
US-PATENT-CLASS-364-578 ..... c 35 N90-23713 *
US-PATENT-CLASS-364-578 ..... c 61 N91-14741 *
US-PATENT-CLASS-364-578 ..... c 32 N91-25317 *
US-PATENT-CLASS-364-578 ..... c 63 N94-35501 *
US-PATENT-CLASS-364-604 ..... c 32 N79-14267 *
US-PATENT-CLASS-364-713 ..... c 32 N79-20297 *
US-PATENT-CLASS-364-713 ..... c 74 N91-26918 *
US-PATENT-CLASS-364-717 ..... c 32 N82-31583 *
US-PATENT-CLASS-364-717 ..... c 33 N90-23636 *
US-PATENT-CLASS-364-723 ..... c 60 N85-33701 *
US-PATENT-CLASS-364-724.01 .. c 33 N89-28713 *
US-PATENT-CLASS-364-724.05 .. c 33 N89-28713 *
US-PATENT-CLASS-364-724.06 .. c 61 N93-14882 *
US-PATENT-CLASS-364-724.07 .. c 61 N93-14882 *
US-PATENT-CLASS-364-724.08 .. c 61 N93-14882 *
US-PATENT-CLASS-364-728 ..... c 32 N79-14267 *
US-PATENT-CLASS-364-728 ..... c 60 N86-21154 *
US-PATENT-CLASS-364-728 ..... c 60 N88-24169 *
US-PATENT-CLASS-364-735 ..... c 33 N89-28713 *
US-PATENT-CLASS-364-746.1 .... c 33 N90-23636 *
US-PATENT-CLASS-364-754 ..... c 33 N89-28713 *
US-PATENT-CLASS-364-757 ..... c 60 N88-24169 *
US-PATENT-CLASS-364-807 ..... c 62 N91-32852 *
US-PATENT-CLASS-364-807 ..... c 32 N92-22033 *
US-PATENT-CLASS-364-822 ..... c 32 N83-18975 *
US-PATENT-CLASS-364-822 ..... c 74 N86-21348 *
US-PATENT-CLASS-364-822 ..... c 74 N91-26918 *
US-PATENT-CLASS-364-825 ..... c 33 N82-24417 *
US-PATENT-CLASS-364-837 ..... c 74 N91-26918 *
US-PATENT-CLASS-364-841 ..... c 74 N91-26918 *
US-PATENT-CLASS-364-853 ..... c 60 N85-33701 *
US-PATENT-CLASS-364-861 ..... c 32 N83-18975 *
US-PATENT-CLASS-364-900 ..... c 52 N79-12694 *
US-PATENT-CLASS-364-900 ..... c 60 N79-20751 *
US-PATENT-CLASS-364-900 ..... c 60 N81-27814 *
US-PATENT-CLASS-364-900 ..... c 60 N83-32342 *
US-PATENT-CLASS-364-900 ..... c 60 N84-28491 *
US-PATENT-CLASS-364-900 ..... c 60 N84-28492 *
US-PATENT-CLASS-364-900 ..... c 33 N89-14384 *
US-PATENT-CLASS-364-900 ..... c 35 N90-23713 *
US-PATENT-CLASS-364-924.4 .... c 35 N90-23713 *
US-PATENT-CLASS-364-925.1 .... c 35 N90-23713 *
US-PATENT-CLASS-364-933.8 .... c 35 N90-23713 *
US-PATENT-CLASS-364-934 ..... c 35 N90-23713 *
US-PATENT-CLASS-364-940.67 .. c 60 N90-21527 *
US-PATENT-CLASS-364-942.51 .. c 60 N90-21527 *
US-PATENT-CLASS-364-944 ..... c 60 N90-21527 *
US-PATENT-CLASS-364-975.5 .... c 60 N90-21527 *
US-PATENT-CLASS-365-120 ..... c 33 N81-29342 *
US-PATENT-CLASS-365-131 ..... c 60 N93-22032 *
US-PATENT-CLASS-365-156 ..... c 60 N91-31810 *
US-PATENT-CLASS-365-158 ..... c 60 N93-14704 *
US-PATENT-CLASS-365-173 ..... c 60 N93-14704 *
US-PATENT-CLASS-365-200 ..... c 60 N91-31810 *
US-PATENT-CLASS-365-215 ..... c 74 N94-20303 *
US-PATENT-CLASS-365-49 ..... c 60 N92-33057 *
US-PATENT-CLASS-365-49 ..... c 74 N94-20303 *
US-PATENT-CLASS-365-768 ..... c 32 N86-27513 *
US-PATENT-CLASS-366-106 ..... c 71 N84-28568 *
US-PATENT-CLASS-366-114 ..... c 71 N83-35781 *
US-PATENT-CLASS-367-100 ..... c 32 N82-18443 *
US-PATENT-CLASS-367-102 ..... c 32 N82-18443 *
US-PATENT-CLASS-367-124 ..... c 35 N93-20569 *
US-PATENT-CLASS-367-13 ..... c 35 N94-35368 *
US-PATENT-CLASS-367-156 ..... c 33 N92-15331 *
US-PATENT-CLASS-367-181 ..... c 33 N82-26572 *
US-PATENT-CLASS-367-189 ..... c 35 N84-22933 *
US-PATENT-CLASS-367-191 ..... c 71 N88-24241 *
US-PATENT-CLASS-367-26 ..... c 39 N80-10507 *
US-PATENT-CLASS-367-27 ..... c 31 N80-32584 *
US-PATENT-CLASS-367-36 ..... c 31 N80-32584 *
US-PATENT-CLASS-367-57 ..... c 31 N80-32584 *
US-PATENT-CLASS-367-88 ..... c 32 N82-18443 *
US-PATENT-CLASS-367-88 ..... c 32 N83-31918 *
US-PATENT-CLASS-367-88 ..... c 43 N86-19711 *
US-PATENT-CLASS-367-904 ..... c 36 N93-18287 *
US-PATENT-CLASS-367-908 ..... c 35 N89-14407 *
US-PATENT-CLASS-367-95 ..... c 32 N82-23376 *
US-PATENT-CLASS-367-99 ..... c 32 N87-14559 *
US-PATENT-CLASS-368-184 ..... c 33 N83-36357 *
US-PATENT-CLASS-368-200 ..... c 33 N83-36357 *
US-PATENT-CLASS-368-201 ..... c 33 N83-36357 *
US-PATENT-CLASS-368-47 ..... c 33 N81-14221 *
US-PATENT-CLASS-369-32 ..... c 60 N92-29132 *
US-PATENT-CLASS-369-44.26 .... c 74 N92-29133 *
US-PATENT-CLASS-369-95 ..... c 60 N92-29132 *
US-PATENT-CLASS-37N ..... c 27 N81-15104 *
US-PATENT-CLASS-370-100 ..... c 60 N82-16747 *
US-PATENT-CLASS-370-16 ..... c 62 N90-19776 *
US-PATENT-CLASS-370-58 ..... c 60 N81-27814 *
US-PATENT-CLASS-370-67 ..... c 33 N82-29538 *
US-PATENT-CLASS-370-85.4 ..... c 62 N91-14772 *
US-PATENT-CLASS-370-85.6 ..... c 62 N91-14772 *
US-PATENT-CLASS-370-85.9 ..... c 62 N91-14772 *
US-PATENT-CLASS-370-85 ..... c 33 N81-14221 *
US-PATENT-CLASS-370-94.3 ..... c 62 N91-14772 *
US-PATENT-CLASS-371-041 ..... c 17 N90-21061 *
US-PATENT-CLASS-371-043 ..... c 17 N90-21061 *
US-PATENT-CLASS-371-11.3 ..... c 60 N90-21527 *
US-PATENT-CLASS-371-20 ..... c 33 N81-26359 *
US-PATENT-CLASS-371-25 ..... c 33 N81-26359 *
US-PATENT-CLASS-371-37.1 ..... c 33 N92-33011 *
US-PATENT-CLASS-371-37.4 ..... c 17 N90-21061 *
US-PATENT-CLASS-371-37 ..... c 60 N87-21591 *
US-PATENT-CLASS-371-38.1 ..... c 17 N90-21061 *
US-PATENT-CLASS-371-40.1 ..... c 60 N91-31810 *
US-PATENT-CLASS-371-40 ..... c 60 N87-21591 *
US-PATENT-CLASS-371-43 ..... c 33 N87-25531 *
US-PATENT-CLASS-371-43 ..... c 32 N91-14523 *
US-PATENT-CLASS-371-63 ..... c 17 N87-16863 *
US-PATENT-CLASS-371-67.1 ..... c 60 N93-22032 *
US-PATENT-CLASS-371-68.1 ..... c 60 N93-22032 *
US-PATENT-CLASS-371-68 ..... c 60 N82-29013 *
US-PATENT-CLASS-371-6 ..... c 32 N83-13323 *
US-PATENT-CLASS-371-8 ..... c 62 N90-19776 *
US-PATENT-CLASS-372-100 ..... c 36 N84-14509 *
US-PATENT-CLASS-372-103 ..... c 36 N84-28065 *
US-PATENT-CLASS-372-103 ..... c 36 N87-23960 *
US-PATENT-CLASS-372-105 ..... c 36 N92-16290 *
US-PATENT-CLASS-372-108 ..... c 36 N84-14509 *
US-PATENT-CLASS-372-108 ..... c 36 N93-14703 *
US-PATENT-CLASS-372-18 ..... c 36 N87-23960 *
US-PATENT-CLASS-372-19 ..... c 36 N91-17360 * #
US-PATENT-CLASS-372-20 ..... c 36 N84-22943 *
US-PATENT-CLASS-372-20 ..... c 36 N87-25567 *
US-PATENT-CLASS-372-20 ..... c 36 N93-14703 *
US-PATENT-CLASS-372-25 ..... c 33 N83-34189 *
US-PATENT-CLASS-372-25 ..... c 36 N92-31788 *
US-PATENT-CLASS-372-28 ..... c 36 N84-22943 *
US-PATENT-CLASS-372-30 ..... c 36 N92-31788 *
US-PATENT-CLASS-372-32 ..... c 36 N84-22943 *
US-PATENT-CLASS-372-32 ..... c 33 N85-34333 *
US-PATENT-CLASS-372-38 ..... c 36 N85-30305 *
US-PATENT-CLASS-372-39 ..... c 36 N91-17360 * #
US-PATENT-CLASS-372-41 ..... c 36 N91-15528 *
US-PATENT-CLASS-372-43 ..... c 36 N87-23960 *
US-PATENT-CLASS-372-43 ..... c 37 N94-20587 *
US-PATENT-CLASS-372-45 ..... c 36 N93-13418 *
US-PATENT-CLASS-372-46 ..... c 36 N85-30305 *
US-PATENT-CLASS-372-46 ..... c 36 N93-13418 *
US-PATENT-CLASS-372-4 ..... c 36 N84-28065 *
US-PATENT-CLASS-372-4 ..... c 36 N87-25567 *
US-PATENT-CLASS-372-50 ..... c 36 N85-30305 *
US-PATENT-CLASS-372-55 ..... c 36 N84-16542 *
US-PATENT-CLASS-372-56 ..... c 36 N82-28616 *
US-PATENT-CLASS-372-56 ..... c 36 N83-10417 *
US-PATENT-CLASS-372-58 ..... c 36 N82-28616 *
US-PATENT-CLASS-372-59 ..... c 36 N83-10417 *
US-PATENT-CLASS-372-59 ..... c 25 N90-20154 *
US-PATENT-CLASS-372-59 ..... c 25 N91-21270 *
US-PATENT-CLASS-372-60 ..... c 36 N83-10417 *
US-PATENT-CLASS-372-61 ..... c 74 N87-14971 *
US-PATENT-CLASS-372-66 ..... c 36 N91-17360 * #
US-PATENT-CLASS-372-68 ..... c 36 N87-23961 *
US-PATENT-CLASS-372-69 ..... c 36 N87-25567 *
US-PATENT-CLASS-372-6 ..... c 74 N94-20586 *
US-PATENT-CLASS-372-70 ..... c 36 N91-17360 * #
US-PATENT-CLASS-372-71 ..... c 36 N84-28065 *
US-PATENT-CLASS-372-71 ..... c 36 N91-15528 *
US-PATENT-CLASS-372-74 ..... c 35 N84-12444 *
US-PATENT-CLASS-372-75 ..... c 36 N91-15528 *
US-PATENT-CLASS-372-79 ..... c 36 N84-16542 *
US-PATENT-CLASS-372-79 ..... c 36 N86-29204 *
US-PATENT-CLASS-372-81 ..... c 36 N87-23961 *
US-PATENT-CLASS-372-82 ..... c 36 N82-28616 *
US-PATENT-CLASS-372-93 ..... c 36 N84-14509 *
US-PATENT-CLASS-372-93 ..... c 36 N84-28065 *
US-PATENT-CLASS-372-94 ..... c 36 N84-14509 *
US-PATENT-CLASS-372-95 ..... c 36 N84-28065 *
US-PATENT-CLASS-372-95 ..... c 36 N93-18277 *
US-PATENT-CLASS-372-96 ..... c 36 N93-14703 *
US-PATENT-CLASS-372-98 ..... c 36 N84-14509 *
US-PATENT-CLASS-372-99 ..... c 36 N87-25567 *
US-PATENT-CLASS-373-10 ..... c 35 N87-23944 *
US-PATENT-CLASS-373-15 ..... c 35 N87-23944 *
US-PATENT-CLASS-374-112 ..... c 47 N92-29148 *
US-PATENT-CLASS-374-115 ..... c 35 N86-19580 *
US-PATENT-CLASS-374-117 ..... c 52 N85-30618 *
US-PATENT-CLASS-374-119 ..... c 35 N93-29084 *
US-PATENT-CLASS-374-120 ..... c 35 N86-19580 *
US-PATENT-CLASS-374-121 ..... c 35 N94-35114 *
US-PATENT-CLASS-374-122 ..... c 06 N83-10040 *
US-PATENT-CLASS-374-122 ..... c 43 N85-21723 *
US-PATENT-CLASS-374-122 ..... c 32 N87-21206 *
US-PATENT-CLASS-374-123 ..... c 06 N83-10040 *
US-PATENT-CLASS-374-124 ..... c 36 N90-17132 *
US-PATENT-CLASS-374-124 ..... c 35 N92-21710 *
US-PATENT-CLASS-374-126 ..... c 36 N90-17132 *
US-PATENT-CLASS-374-126 ..... c 35 N94-35383 *
US-PATENT-CLASS-374-128 ..... c 35 N94-35383 *
US-PATENT-CLASS-374-129 ..... c 35 N94-35383 *
US-PATENT-CLASS-374-130 ..... c 36 N90-17132 *
US-PATENT-CLASS-374-130 ..... c 35 N94-35114 *
US-PATENT-CLASS-374-135 ..... c 35 N92-21710 *
US-PATENT-CLASS-374-137 ..... c 36 N85-21639 *
US-PATENT-CLASS-374-160 ..... c 52 N85-30618 *
US-PATENT-CLASS-374-162R .... c 74 N82-30071 *
US-PATENT-CLASS-374-162 ..... c 35 N90-22770 *
US-PATENT-CLASS-374-163 ..... c 35 N86-19580 *
US-PATENT-CLASS-374-166 ..... c 35 N94-35078 *
US-PATENT-CLASS-374-175 ..... c 33 N92-33021 *

US-PATENT-CLASS-374-178 ..... c 35 N92-33614 *
US-PATENT-CLASS-374-17 ..... c 35 N83-29650 *
US-PATENT-CLASS-374-180 ..... c 35 N91-31608 *
US-PATENT-CLASS-374-183 ..... c 33 N86-32624 *
US-PATENT-CLASS-374-185 ..... c 35 N92-33614 *
US-PATENT-CLASS-374-1 ..... c 35 N84-28019 *
US-PATENT-CLASS-374-208 ..... c 37 N85-21651 *
US-PATENT-CLASS-374-208 ..... c 35 N91-31608 *
US-PATENT-CLASS-374-210 ..... c 37 N85-21651 *
US-PATENT-CLASS-374-29 ..... c 35 N91-31608 *
US-PATENT-CLASS-374-29 ..... c 35 N92-22038 *
US-PATENT-CLASS-374-29 ..... c 35 N94-35078 *
US-PATENT-CLASS-374-36 ..... c 25 N88-29002 *
US-PATENT-CLASS-374-45 ..... c 38 N92-29154 *
US-PATENT-CLASS-374-46 ..... c 34 N83-34221 *
US-PATENT-CLASS-374-46 ..... c 25 N86-19413 *
US-PATENT-CLASS-374-49 ..... c 14 N91-27175 *
US-PATENT-CLASS-374-4 ..... c 38 N92-29154 *
US-PATENT-CLASS-374-4 ..... c 09 N93-11057 *
US-PATENT-CLASS-374-50 ..... c 14 N91-27175 *
US-PATENT-CLASS-374-51 ..... c 39 N83-32081 *
US-PATENT-CLASS-374-57 ..... c 09 N93-11057 *
US-PATENT-CLASS-374-5 ..... c 09 N93-11057 *
US-PATENT-CLASS-374-8 ..... c 25 N86-19413 *
US-PATENT-CLASS-374-8 ..... c 09 N91-21157 *
US-PATENT-CLASS-374-8 ..... c 25 N91-32196 *
US-PATENT-CLASS-374-9 ..... c 32 N87-21206 *
US-PATENT-CLASS-374-9 ..... c 35 N94-35383 *
US-PATENT-CLASS-375-101 ..... c 32 N87-25511 *
US-PATENT-CLASS-375-102 ..... c 32 N87-25511 *
US-PATENT-CLASS-375-104 ..... c 35 N81-19427 *
US-PATENT-CLASS-375-106 ..... c 60 N82-16747 *
US-PATENT-CLASS-375-106 ..... c 32 N82-31583 *
US-PATENT-CLASS-375-107 ..... c 32 N81-14186 *
US-PATENT-CLASS-375-110 ..... c 32 N87-21207 *
US-PATENT-CLASS-375-114 ..... c 60 N82-16747 *
US-PATENT-CLASS-375-115 ..... c 32 N81-15179 *
US-PATENT-CLASS-375-116 ..... c 60 N82-16747 *
US-PATENT-CLASS-375-120 ..... c 32 N84-27952 *
US-PATENT-CLASS-375-120 ..... c 32 N87-21207 *
US-PATENT-CLASS-375-120 ..... c 33 N87-25531 *
US-PATENT-CLASS-375-1 ..... c 32 N81-15179 *
US-PATENT-CLASS-375-1 ..... c 35 N81-19427 *
US-PATENT-CLASS-375-1 ..... c 33 N81-33405 *
US-PATENT-CLASS-375-23 ..... c 32 N87-21207 *
US-PATENT-CLASS-375-34 ..... c 35 N81-19427 *
US-PATENT-CLASS-375-39 ..... c 32 N87-25511 *
US-PATENT-CLASS-375-53 ..... c 32 N91-14523 *
US-PATENT-CLASS-375-53 ..... c 32 N91-25316 *
US-PATENT-CLASS-375-53 ..... c 32 N91-25318 *
US-PATENT-CLASS-375-53 ..... c 32 N91-27439 *
US-PATENT-CLASS-375-54 ..... c 33 N81-15192 *
US-PATENT-CLASS-375-54 ..... c 32 N87-25511 *
US-PATENT-CLASS-375-54 ..... c 33 N87-25531 *
US-PATENT-CLASS-375-56 ..... c 32 N91-25316 *
US-PATENT-CLASS-375-56 ..... c 32 N91-27439 *
US-PATENT-CLASS-375-57 ..... c 32 N91-14523 *
US-PATENT-CLASS-375-58 ..... c 32 N81-15179 *
US-PATENT-CLASS-375-59 ..... c 33 N87-25531 *
US-PATENT-CLASS-375-67 ..... c 33 N81-15192 *
US-PATENT-CLASS-375-76 ..... c 33 N87-25531 *
US-PATENT-CLASS-375-77 ..... c 32 N84-27952 *
US-PATENT-CLASS-375-80 ..... c 04 N91-14321 *
US-PATENT-CLASS-375-80 ..... c 32 N92-21712 *
US-PATENT-CLASS-375-81 ..... c 32 N84-27952 *
US-PATENT-CLASS-375-85 ..... c 32 N91-25316 *
US-PATENT-CLASS-375-85 ..... c 32 N91-27439 *
US-PATENT-CLASS-375-86 ..... c 32 N91-25318 *
US-PATENT-CLASS-375-86 ..... c 32 N91-27439 *
US-PATENT-CLASS-375-88 ..... c 17 N87-16863 *
US-PATENT-CLASS-375-94 ..... c 04 N91-14321 *
US-PATENT-CLASS-375-94 ..... c 32 N92-21712 *
US-PATENT-CLASS-375-97 ..... c 32 N91-25316 *
US-PATENT-CLASS-375-99 ..... c 35 N81-19427 *
US-PATENT-CLASS-376-127 ..... c 72 N87-21661 *
US-PATENT-CLASS-376-159 ..... c 25 N85-21279 *
US-PATENT-CLASS-377-111 ..... c 60 N90-21525 *
US-PATENT-CLASS-377-114 ..... c 60 N90-21525 *
US-PATENT-CLASS-377-116 ..... c 60 N90-21525 *
US-PATENT-CLASS-377-123 ..... c 60 N90-21525 *
US-PATENT-CLASS-377-126 ..... c 60 N90-21525 *
US-PATENT-CLASS-377-39 ..... c 33 N89-14385 *
US-PATENT-CLASS-377-69 ..... c 60 N90-21525 *
US-PATENT-CLASS-377-79 ..... c 60 N90-21525 *
US-PATENT-CLASS-378-104 ..... c 33 N85-29147 *
US-PATENT-CLASS-378-112 ..... c 33 N85-29147 *
US-PATENT-CLASS-378-145 ..... c 74 N93-14711 *
US-PATENT-CLASS-378-210 ..... c 35 N92-29135 *
US-PATENT-CLASS-378-210 ..... c 89 N92-33012 * #
US-PATENT-CLASS-378-2 ..... c 34 N83-19015 *
US-PATENT-CLASS-378-2 ..... c 74 N84-11920 *
US-PATENT-CLASS-378-43 ..... c 34 N83-19015 *
US-PATENT-CLASS-378-43 ..... c 74 N86-20124 *
US-PATENT-CLASS-378-43 ..... c 35 N92-29135 *
US-PATENT-CLASS-378-43 ..... c 89 N92-33012 * #
US-PATENT-CLASS-378-51 ..... c 38 N90-23756 *
US-PATENT-CLASS-378-58 ..... c 74 N86-20126 *
US-PATENT-CLASS-378-58 ..... c 38 N90-23756 *
US-PATENT-CLASS-378-59 ..... c 74 N86-20126 *
US-PATENT-CLASS-378-85 ..... c 74 N86-20124 *
US-PATENT-CLASS-378-85 ..... c 74 N93-14711 *
US-PATENT-CLASS-380-25 ..... c 60 N90-25583 *
US-PATENT-CLASS-380-45 ..... c 60 N90-25583 *
US-PATENT-CLASS-380-49 ..... c 60 N90-25583 *
US-PATENT-CLASS-381-17 ..... c 71 N94-23312 *
US-PATENT-CLASS-381-183 ..... c 54 N89-29953 *
US-PATENT-CLASS-381-187 ..... c 54 N89-29953 *
US-PATENT-CLASS-381-24 ..... c 71 N94-23312 *
US-PATENT-CLASS-381-26 ..... c 35 N91-27522 *
US-PATENT-CLASS-381-26 ..... c 71 N94-23312 *
US-PATENT-CLASS-381-43 ..... c 61 N93-18858 *
US-PATENT-CLASS-381-68.1 ..... c 35 N91-27522 *
US-PATENT-CLASS-381-71 ..... c 71 N91-27913 *
US-PATENT-CLASS-381-92 ..... c 35 N91-27522 *
US-PATENT-CLASS-381-94 ..... c 71 N91-27913 *
US-PATENT-CLASS-382-10 ..... c 61 N93-18858 *
US-PATENT-CLASS-382-1 ..... c 54 N92-29129 *
US-PATENT-CLASS-382-1 ..... c 61 N93-18282 *
US-PATENT-CLASS-382-22 ..... c 54 N92-29129 *
US-PATENT-CLASS-382-26 ..... c 74 N93-11058 *
US-PATENT-CLASS-382-30 ..... c 61 N93-18858 *
US-PATENT-CLASS-382-31 ..... c 74 N89-14078 *
US-PATENT-CLASS-382-31 ..... c 74 N91-25840 *
US-PATENT-CLASS-382-31 ..... c 60 N92-33057 *
US-PATENT-CLASS-382-32 ..... c 74 N91-25840 *
US-PATENT-CLASS-382-32 ..... c 60 N92-33057 *
US-PATENT-CLASS-382-36 ..... c 61 N93-18282 *
US-PATENT-CLASS-382-41 ..... c 60 N89-26400 *
US-PATENT-CLASS-382-42 ..... c 74 N86-21348 *
US-PATENT-CLASS-382-42 ..... c 60 N88-24169 *
US-PATENT-CLASS-382-42 ..... c 60 N89-26400 *
US-PATENT-CLASS-382-42 ..... c 74 N94-20303 *
US-PATENT-CLASS-382-43 ..... c 74 N91-25840 *
US-PATENT-CLASS-382-49 ..... c 60 N89-26400 *
US-PATENT-CLASS-382-49 ..... c 74 N91-25840 *
US-PATENT-CLASS-382-6 ..... c 74 N91-25840 *
US-PATENT-CLASS-382-6 ..... c 61 N93-18282 *
US-PATENT-CLASS-384-101 ..... c 37 N85-33490 *
US-PATENT-CLASS-384-103 ..... c 37 N86-19606 *
US-PATENT-CLASS-384-106 ..... c 37 N86-19606 *
US-PATENT-CLASS-384-124 ..... c 27 N83-34043 *
US-PATENT-CLASS-384-493 ..... c 37 N93-26001 *
US-PATENT-CLASS-384-537 ..... c 37 N93-26001 *
US-PATENT-CLASS-384-585 ..... c 37 N93-26001 *
US-PATENT-CLASS-384-99 ..... c 37 N85-33490 *
US-PATENT-CLASS-385-123 ..... c 74 N94-20586 *
US-PATENT-CLASS-385-126 ..... c 74 N94-20586 *
US-PATENT-CLASS-385-127 ..... c 74 N94-20586 *
US-PATENT-CLASS-385-128 ..... c 74 N94-20586 *
US-PATENT-CLASS-385-12 ..... c 74 N94-20378 *
US-PATENT-CLASS-385-142 ..... c 74 N94-20586 *
US-PATENT-CLASS-388-821 ..... c 33 N90-21951 *
US-PATENT-CLASS-39-25.35 ..... c 33 N86-20671 *
US-PATENT-CLASS-395-11 ..... c 60 N93-20116 *
US-PATENT-CLASS-395-11 ..... c 60 N93-29504 *
US-PATENT-CLASS-395-23 ..... c 60 N93-20116 *
US-PATENT-CLASS-395-23 ..... c 53 N93-29610 *
US-PATENT-CLASS-395-23 ..... c 63 N94-20366 *
US-PATENT-CLASS-395-23 ..... c 63 N94-29756 *
US-PATENT-CLASS-395-24 ..... c 32 N92-22033 *
US-PATENT-CLASS-395-24 ..... c 60 N93-20116 *
US-PATENT-CLASS-395-24 ..... c 63 N94-20360 *
US-PATENT-CLASS-395-24 ..... c 63 N94-20366 *
US-PATENT-CLASS-395-24 ..... c 33 N94-29426 *
US-PATENT-CLASS-395-24 ..... c 63 N94-29756 *
US-PATENT-CLASS-395-25 ..... c 33 N94-29426 *
US-PATENT-CLASS-395-27 ..... c 63 N94-20360 *
US-PATENT-CLASS-395-3 ..... c 61 N94-20492 *
US-PATENT-CLASS-395-500 ..... c 61 N93-18855 *
US-PATENT-CLASS-395-51 ..... c 60 N93-29504 *
US-PATENT-CLASS-395-61 ..... c 61 N94-20492 *
US-PATENT-CLASS-395-800 ..... c 61 N93-18855 *
US-PATENT-CLASS-395-800 ..... c 60 N93-29608 *
US-PATENT-CLASS-395-80 ..... c 63 N94-29465 *
US-PATENT-CLASS-395-84 ..... c 37 N94-10670 *
US-PATENT-CLASS-395-86 ..... c 37 N92-22036 *
US-PATENT-CLASS-395-89 ..... c 63 N94-29465 *
US-PATENT-CLASS-395-900 ..... c 61 N94-20492 *
US-PATENT-CLASS-395-905 ..... c 37 N94-10670 *
US-PATENT-CLASS-395-90 ..... c 63 N92-33019 *
US-PATENT-CLASS-395-94 ..... c 74 N94-35384 *
US-PATENT-CLASS-395-95 ..... c 37 N92-22036 *
US-PATENT-CLASS-395-95 ..... c 63 N94-29504 *
US-PATENT-CLASS-395-99 ..... c 37 N94-10670 *
US-PATENT-CLASS-395-99 ..... c 63 N94-29465 *
US-PATENT-CLASS-4-DIG.9 ..... c 54 N91-14724 *
US-PATENT-CLASS-4-10 ..... c 54 N74-20725 *
US-PATENT-CLASS-4-110 ..... c 05 N72-22093 *
US-PATENT-CLASS-4-120 ..... c 54 N74-20725 *
US-PATENT-CLASS-4-144.3 ..... c 52 N81-24711 *
US-PATENT-CLASS-4-144.3 ..... c 52 N81-28740 *
US-PATENT-CLASS-4-209R ..... c 54 N91-14723 *
US-PATENT-CLASS-4-316 ..... c 54 N91-14723 *
US-PATENT-CLASS-4-316 ..... c 54 N91-14724 *
US-PATENT-CLASS-4-482 ..... c 54 N91-14723 *
US-PATENT-CLASS-4-482 ..... c 54 N91-14724 *
US-PATENT-CLASS-4-498 ..... c 44 N84-34792 *
US-PATENT-CLASS-4-661 ..... c 54 N91-14724 *
US-PATENT-CLASS-4-661 ..... c 54 N92-29137 *
US-PATENT-CLASS-4-99 ..... c 05 N72-22093 *
US-PATENT-CLASS-40-28 ..... c 12 N71-18603 *
US-PATENT-CLASS-40-703 ..... c 35 N92-22038 *
US-PATENT-CLASS-403-DIG.1 ..... c 31 N92-16161 *
US-PATENT-CLASS-403-102 ..... c 37 N85-30336 *
US-PATENT-CLASS-403-102 ..... c 18 N87-14373 *
US-PATENT-CLASS-403-105 ..... c 37 N79-14382 *
US-PATENT-CLASS-403-113 ..... c 37 N86-19605 *
US-PATENT-CLASS-403-113 ..... c 37 N91-17387 *
US-PATENT-CLASS-403-119 ..... c 18 N87-14373 *
US-PATENT-CLASS-403-120 ..... c 37 N86-19605 *
US-PATENT-CLASS-403-131 ..... c 37 N91-21543 *
US-PATENT-CLASS-403-13 ..... c 37 N92-29140 *
US-PATENT-CLASS-403-13 ..... c 37 N94-23078 *
US-PATENT-CLASS-403-143 ..... c 18 N85-29991 *
US-PATENT-CLASS-403-146 ..... c 18 N87-14373 *
US-PATENT-CLASS-403-146 ..... c 37 N91-15544 *
US-PATENT-CLASS-403-147 ..... c 37 N91-15544 *
US-PATENT-CLASS-403-14 ..... c 37 N93-20120 *
US-PATENT-CLASS-403-156 ..... c 37 N91-15544 *
US-PATENT-CLASS-403-15 ..... c 37 N85-30334 *
US-PATENT-CLASS-403-163 ..... c 18 N87-14373 *
US-PATENT-CLASS-403-164 ..... c 54 N86-29507 * #
US-PATENT-CLASS-403-16 ..... c 37 N85-30334 *
US-PATENT-CLASS-403-171 ..... c 31 N81-25258 *
US-PATENT-CLASS-403-171 ..... c 31 N86-19479 *
US-PATENT-CLASS-403-171 ..... c 37 N88-29180 *
US-PATENT-CLASS-403-171 ..... c 37 N91-14614 *
US-PATENT-CLASS-403-171 ..... c 18 N91-21221 *
US-PATENT-CLASS-403-171 ..... c 37 N93-20117 *
US-PATENT-CLASS-403-176 ..... c 18 N91-21221 *
US-PATENT-CLASS-403-176 ..... c 37 N93-20117 *
US-PATENT-CLASS-403-179 ..... c 27 N76-14264 *
US-PATENT-CLASS-403-217 ..... c 37 N82-32732 *
US-PATENT-CLASS-403-217 ..... c 37 N88-29180 *
US-PATENT-CLASS-403-24 ..... c 37 N92-29140 *
US-PATENT-CLASS-403-24 ..... c 37 N94-20365 *
US-PATENT-CLASS-403-24 ..... c 37 N94-23078 *
US-PATENT-CLASS-403-252 ..... c 18 N91-21221 *
US-PATENT-CLASS-403-273 ..... c 37 N77-23482 *
US-PATENT-CLASS-403-273 ..... c 37 N93-20120 *
US-PATENT-CLASS-403-27 ..... c 37 N94-20365 *
US-PATENT-CLASS-403-282 ..... c 26 N83-10170 *
US-PATENT-CLASS-403-28 ..... c 27 N76-14264 *
US-PATENT-CLASS-403-28 ..... c 37 N85-29285 *
US-PATENT-CLASS-403-28 ..... c 37 N92-29120 *
US-PATENT-CLASS-403-291 ..... c 37 N91-17387 *
US-PATENT-CLASS-403-30 ..... c 18 N89-28554 *
US-PATENT-CLASS-403-312 ..... c 37 N86-27630 *
US-PATENT-CLASS-403-315 ..... c 37 N82-24494 *
US-PATENT-CLASS-403-317 ..... c 37 N82-32732 *
US-PATENT-CLASS-403-317 ..... c 37 N85-21649 *
US-PATENT-CLASS-403-317 ..... c 37 N91-14610 *
US-PATENT-CLASS-403-321 ..... c 37 N93-20120 *
US-PATENT-CLASS-403-322 ..... c 18 N84-22605 *
US-PATENT-CLASS-403-322 ..... c 37 N85-30334 *
US-PATENT-CLASS-403-322 ..... c 37 N85-30336 *
US-PATENT-CLASS-403-322 ..... c 37 N90-17154 *
US-PATENT-CLASS-403-322 ..... c 37 N91-14614 *
US-PATENT-CLASS-403-322 ..... c 37 N94-29427 *
US-PATENT-CLASS-403-324 ..... c 37 N93-23076 *
US-PATENT-CLASS-403-325 ..... c 37 N90-17154 *
US-PATENT-CLASS-403-325 ..... c 37 N94-35374 *
US-PATENT-CLASS-403-327 ..... c 37 N91-14610 *
US-PATENT-CLASS-403-327 ..... c 37 N91-14614 *
US-PATENT-CLASS-403-327 ..... c 37 N94-35374 *
US-PATENT-CLASS-403-328 ..... c 18 N86-20469 *
US-PATENT-CLASS-403-328 ..... c 37 N90-17154 *
US-PATENT-CLASS-403-328 ..... c 31 N92-16161 *
US-PATENT-CLASS-403-328 ..... c 37 N94-35374 *
US-PATENT-CLASS-403-331 ..... c 37 N82-32732 *
US-PATENT-CLASS-403-331 ..... c 37 N91-14610 *
US-PATENT-CLASS-403-331 ..... c 37 N91-14614 *
US-PATENT-CLASS-403-334 ..... c 37 N91-15544 *
US-PATENT-CLASS-403-340 ..... c 37 N82-32732 *
US-PATENT-CLASS-403-341 ..... c 18 N87-27713 *
US-PATENT-CLASS-403-344 ..... c 37 N94-20365 *
US-PATENT-CLASS-403-348 ..... c 37 N85-30336 *
US-PATENT-CLASS-403-348 ..... c 37 N94-23082 *
US-PATENT-CLASS-403-353 ..... c 37 N93-20117 *
US-PATENT-CLASS-403-359 ..... c 37 N94-23082 *
US-PATENT-CLASS-403-359 ..... c 37 N94-35374 *
US-PATENT-CLASS-403-378 ..... c 37 N94-35374 *
US-PATENT-CLASS-403-379 ..... c 37 N94-35374 *
US-PATENT-CLASS-403-381 ..... c 37 N91-14610 *
US-PATENT-CLASS-403-381 ..... c 37 N93-20117 *
US-PATENT-CLASS-403-385 ..... c 37 N91-14617 *
US-PATENT-CLASS-403-388 ..... c 37 N86-27630 *
US-PATENT-CLASS-403-391 ..... c 37 N91-14617 *

US-PATENT-CLASS-403-404 ..... c 37 N92-29120 *
US-PATENT-CLASS-403-404 ..... c 37 N93-20120 *
US-PATENT-CLASS-403-404 ..... c 16 N94-20304 *
US-PATENT-CLASS-403-408.1 .... c 37 N86-27630 *
US-PATENT-CLASS-403-408.1 .... c 16 N94-20304 *
US-PATENT-CLASS-403-408 ..... c 37 N85-29285 *
US-PATENT-CLASS-403-4 ..... c 18 N89-28554 *
US-PATENT-CLASS-403-51 ..... c 18 N89-28553 *
US-PATENT-CLASS-403-56 ..... c 18 N85-29991 *
US-PATENT-CLASS-403-57 ..... c 37 N91-17387 *
US-PATENT-CLASS-403-64 ..... c 31 N86-19479 *
US-PATENT-CLASS-403-6 ..... c 37 N94-20365 *
US-PATENT-CLASS-403-72 ..... c 18 N91-27199 *
US-PATENT-CLASS-403-76 ..... c 18 N85-29991 *
US-PATENT-CLASS-403-84 ..... c 37 N93-23076 *
US-PATENT-CLASS-403-85 ..... c 18 N87-14373 *
US-PATENT-CLASS-403-90 ..... c 18 N85-29991 *
US-PATENT-CLASS-403-93 ..... c 37 N93-23076 *
US-PATENT-CLASS-403-97 ..... c 37 N93-23076 *
US-PATENT-CLASS-405-188 ..... c 18 N90-20126 *
US-PATENT-CLASS-405-188 ..... c 18 N91-14374 *
US-PATENT-CLASS-405-229 ..... c 44 N79-24432 *
US-PATENT-CLASS-405-263 ..... c 44 N79-24432 *
US-PATENT-CLASS-406-155 ..... c 37 N84-16561 *
US-PATENT-CLASS-406-197 ..... c 25 N93-20570 *
US-PATENT-CLASS-407-117 ..... c 37 N81-14319 *
US-PATENT-CLASS-407-85 ..... c 37 N81-14319 *
US-PATENT-CLASS-408-1-R ..... c 31 N87-25491 *
US-PATENT-CLASS-408-1R ..... c 37 N81-14319 *
US-PATENT-CLASS-408-1R ..... c 31 N83-27058 *
US-PATENT-CLASS-408-111 ..... c 37 N74-25968 *
US-PATENT-CLASS-408-112 ..... c 37 N75-25186 *
US-PATENT-CLASS-408-124 ..... c 37 N93-14710 *
US-PATENT-CLASS-408-124 ..... c 37 N93-18286 *
US-PATENT-CLASS-408-137 ..... c 15 N71-33518 *
US-PATENT-CLASS-408-14 ..... c 35 N92-21723 *
US-PATENT-CLASS-408-16 ..... c 35 N92-21723 *
US-PATENT-CLASS-408-186 ..... c 37 N75-25186 *
US-PATENT-CLASS-408-193 ..... c 37 N75-25186 *
US-PATENT-CLASS-408-195 ..... c 37 N75-25186 *
US-PATENT-CLASS-408-239R .... c 37 N93-14710 *
US-PATENT-CLASS-408-239R .... c 37 N93-18286 *
US-PATENT-CLASS-408-241R .... c 37 N93-14710 *
US-PATENT-CLASS-408-241R .... c 37 N93-18286 *
US-PATENT-CLASS-408-241S .... c 35 N92-21723 *
US-PATENT-CLASS-408-61 ..... c 31 N83-27058 *
US-PATENT-CLASS-408-80 ..... c 37 N74-25968 *
US-PATENT-CLASS-409-131 ..... c 31 N83-27058 *
US-PATENT-CLASS-41R ..... c 27 N81-15104 *
US-PATENT-CLASS-410-156 ..... c 37 N85-34401 *
US-PATENT-CLASS-410-79 ..... c 18 N85-29991 *
US-PATENT-CLASS-410-80 ..... c 37 N91-27561 *
US-PATENT-CLASS-410-84 ..... c 37 N91-27561 *
US-PATENT-CLASS-410-90 ..... c 18 N85-29991 *
US-PATENT-CLASS-411-103 ..... c 37 N85-30335 *
US-PATENT-CLASS-411-103 ..... c 37 N93-22384 *
US-PATENT-CLASS-411-108 ..... c 37 N85-30335 *
US-PATENT-CLASS-411-14 ..... c 37 N92-29150 *
US-PATENT-CLASS-411-166 ..... c 37 N87-22976 *
US-PATENT-CLASS-411-258 ..... c 37 N94-20379 *
US-PATENT-CLASS-411-267 ..... c 37 N92-29150 *
US-PATENT-CLASS-411-267 ..... c 37 N93-13423 *
US-PATENT-CLASS-411-340 ..... c 37 N93-22384 *
US-PATENT-CLASS-411-348 ..... c 31 N92-16161 *
US-PATENT-CLASS-411-353 ..... c 37 N83-19091 *
US-PATENT-CLASS-411-354 ..... c 37 N92-21726 *
US-PATENT-CLASS-411-368 ..... c 37 N85-29285 *
US-PATENT-CLASS-411-368 ..... c 37 N87-22976 *
US-PATENT-CLASS-411-378 ..... c 37 N85-29285 *
US-PATENT-CLASS-411-385 ..... c 37 N92-21726 *
US-PATENT-CLASS-411-402 ..... c 37 N93-22384 *
US-PATENT-CLASS-411-424 ..... c 37 N87-22976 *
US-PATENT-CLASS-411-426 ..... c 37 N85-29285 *
US-PATENT-CLASS-411-427 ..... c 37 N87-22976 *
US-PATENT-CLASS-411-433 ..... c 37 N92-29150 *
US-PATENT-CLASS-411-433 ..... c 37 N93-13423 *
US-PATENT-CLASS-411-501 ..... c 37 N85-29285 *
US-PATENT-CLASS-411-517 ..... c 37 N83-19091 *
US-PATENT-CLASS-411-531 ..... c 37 N85-29285 *
US-PATENT-CLASS-411-531 ..... c 37 N87-22976 *
US-PATENT-CLASS-411-65 ..... c 37 N92-21726 *
US-PATENT-CLASS-411-82 ..... c 37 N94-20379 *
US-PATENT-CLASS-411-901 ..... c 37 N92-21726 *
US-PATENT-CLASS-411-908 ..... c 37 N92-21726 *
US-PATENT-CLASS-411-909 ..... c 37 N92-29120 *
US-PATENT-CLASS-411-909 ..... c 37 N93-13423 *
US-PATENT-CLASS-411-909 ..... c 16 N94-20304 *
US-PATENT-CLASS-411-930 ..... c 37 N94-20379 *
US-PATENT-CLASS-414-1 ..... c 37 N80-14398 *
US-PATENT-CLASS-414-1 ..... c 37 N81-14320 *
US-PATENT-CLASS-414-1 ..... c 54 N86-28618 *
US-PATENT-CLASS-414-217 ..... c 37 N85-29286 *
US-PATENT-CLASS-414-217 ..... c 31 N91-15423 *
US-PATENT-CLASS-414-220 ..... c 31 N91-15423 *
US-PATENT-CLASS-414-222 ..... c 37 N82-32731 *
US-PATENT-CLASS-414-226 ..... c 37 N82-32731 *
US-PATENT-CLASS-414-288 ..... c 85 N85-34722 *
US-PATENT-CLASS-414-328 ..... c 85 N85-34722 *
US-PATENT-CLASS-414-373 ..... c 85 N85-34722 *
US-PATENT-CLASS-414-4 ..... c 37 N79-28551 *
US-PATENT-CLASS-414-4 ..... c 54 N81-26718 *
US-PATENT-CLASS-414-4 ..... c 37 N86-20789 *
US-PATENT-CLASS-414-5 ..... c 54 N86-28618 *
US-PATENT-CLASS-414-5 ..... c 37 N93-23078 *
US-PATENT-CLASS-414-689 ..... c 18 N89-12621 *
US-PATENT-CLASS-414-6 ..... c 54 N79-24652 *
US-PATENT-CLASS-414-718 ..... c 37 N86-20789 *
US-PATENT-CLASS-414-718 ..... c 18 N89-12621 *
US-PATENT-CLASS-414-729 ..... c 37 N91-14616 *
US-PATENT-CLASS-414-729 ..... c 37 N93-29505 *
US-PATENT-CLASS-414-730 ..... c 37 N81-27519 *
US-PATENT-CLASS-414-730 ..... c 37 N86-19603 *
US-PATENT-CLASS-414-735 ..... c 54 N81-26718 *
US-PATENT-CLASS-414-735 ..... c 18 N88-23828 *
US-PATENT-CLASS-414-735 ..... c 18 N89-12621 *
US-PATENT-CLASS-414-737 ..... c 37 N92-33018 *
US-PATENT-CLASS-414-739 ..... c 37 N82-32731 *
US-PATENT-CLASS-414-744A .... c 54 N81-26718 *
US-PATENT-CLASS-414-750 ..... c 18 N88-23828 *
US-PATENT-CLASS-414-753 ..... c 37 N86-20789 *
US-PATENT-CLASS-414-786 ..... c 85 N85-34722 *
US-PATENT-CLASS-414-7 ..... c 54 N86-28618 *
US-PATENT-CLASS-414-7 ..... c 54 N86-28620 *
US-PATENT-CLASS-414-7 ..... c 37 N91-14616 *
US-PATENT-CLASS-414-7 ..... c 37 N93-23078 *
US-PATENT-CLASS-414-8 ..... c 54 N86-28618 *
US-PATENT-CLASS-415-DIG.8 .... c 44 N82-24639 *
US-PATENT-CLASS-415-DIG.8 .... c 44 N84-23018 *
US-PATENT-CLASS-415-101 ..... c 44 N80-21828 *
US-PATENT-CLASS-415-115 ..... c 07 N79-10057 *
US-PATENT-CLASS-415-115 ..... c 34 N83-27144 *
US-PATENT-CLASS-415-115 ..... c 07 N84-33410 *
US-PATENT-CLASS-415-115 ..... c 34 N85-33433 *
US-PATENT-CLASS-415-115 ..... c 34 N94-29539 *
US-PATENT-CLASS-415-116 ..... c 07 N79-10057 *
US-PATENT-CLASS-415-118 ..... c 35 N83-35338 *
US-PATENT-CLASS-415-136 ..... c 37 N88-23978 *
US-PATENT-CLASS-415-143 ..... c 34 N79-20335 *
US-PATENT-CLASS-415-145 ..... c 07 N77-28118 *
US-PATENT-CLASS-415-145 ..... c 07 N82-32366 *
US-PATENT-CLASS-415-170.1 .... c 37 N91-14608 *
US-PATENT-CLASS-415-170-R ... c 37 N88-23978 *
US-PATENT-CLASS-415-174.5 .... c 37 N91-14608 *
US-PATENT-CLASS-415-174 ..... c 37 N79-18318 *
US-PATENT-CLASS-415-174 ..... c 37 N80-26658 *
US-PATENT-CLASS-415-174 ..... c 37 N82-19540 *
US-PATENT-CLASS-415-174 ..... c 27 N82-29453 *
US-PATENT-CLASS-415-174 ..... c 18 N83-20996 *
US-PATENT-CLASS-415-174 ..... c 37 N84-22957 *
US-PATENT-CLASS-415-174 ..... c 37 N86-20788 *
US-PATENT-CLASS-415-175 ..... c 07 N83-31603 *
US-PATENT-CLASS-415-178 ..... c 07 N82-32366 *
US-PATENT-CLASS-415-178 ..... c 07 N83-31603 *
US-PATENT-CLASS-415-180 ..... c 07 N77-23106 *
US-PATENT-CLASS-415-180 ..... c 37 N78-10467 *
US-PATENT-CLASS-415-181 ..... c 07 N74-28226 *
US-PATENT-CLASS-415-181 ..... c 07 N74-31270 *
US-PATENT-CLASS-415-196 ..... c 37 N80-26658 *
US-PATENT-CLASS-415-196 ..... c 37 N82-19540 *
US-PATENT-CLASS-415-197 ..... c 18 N83-20996 *
US-PATENT-CLASS-415-199 ..... c 05 N80-14107 *
US-PATENT-CLASS-415-1 ..... c 34 N79-20335 *
US-PATENT-CLASS-415-1 ..... c 07 N83-31603 *
US-PATENT-CLASS-415-1 ..... c 37 N85-29282 *
US-PATENT-CLASS-415-2R ..... c 44 N82-24639 *
US-PATENT-CLASS-415-2R ..... c 44 N84-23018 *
US-PATENT-CLASS-415-200 ..... c 07 N79-14096 *
US-PATENT-CLASS-415-200 ..... c 37 N79-18318 *
US-PATENT-CLASS-415-201 ..... c 07 N79-14096 *
US-PATENT-CLASS-415-206 ..... c 34 N94-29539 *
US-PATENT-CLASS-415-229 ..... c 37 N91-14608 *
US-PATENT-CLASS-415-2 ..... c 44 N80-21828 *
US-PATENT-CLASS-415-47 ..... c 07 N83-31603 *
US-PATENT-CLASS-415-68 ..... c 37 N85-29282 *
US-PATENT-CLASS-415-914 ..... c 34 N94-29539 *
US-PATENT-CLASS-415-9 ..... c 44 N79-14527 *
US-PATENT-CLASS-416-104 ..... c 05 N77-17029 *
US-PATENT-CLASS-416-114 ..... c 05 N81-19087 *
US-PATENT-CLASS-416-114 ..... c 08 N87-23631 *
US-PATENT-CLASS-416-115 ..... c 02 N72-11018 *
US-PATENT-CLASS-416-117 ..... c 37 N84-12493 *
US-PATENT-CLASS-416-121 ..... c 02 N72-11018 *
US-PATENT-CLASS-416-127 ..... c 02 N72-11018 *
US-PATENT-CLASS-416-130 ..... c 02 N72-11018 *
US-PATENT-CLASS-416-132B .... c 37 N84-12493 *
US-PATENT-CLASS-416-132R .... c 05 N79-17847 *
US-PATENT-CLASS-416-135 ..... c 07 N77-32148 *
US-PATENT-CLASS-416-135 ..... c 37 N78-10468 *
US-PATENT-CLASS-416-138 ..... c 05 N77-17029 *
US-PATENT-CLASS-416-138 ..... c 05 N79-17847 *
US-PATENT-CLASS-416-141 ..... c 05 N77-17029 *
US-PATENT-CLASS-416-141 ..... c 37 N78-10468 *
US-PATENT-CLASS-416-144 ..... c 35 N78-24515 *
US-PATENT-CLASS-416-145 ..... c 05 N85-29947 *
US-PATENT-CLASS-416-149 ..... c 02 N72-11018 *
US-PATENT-CLASS-416-153 ..... c 07 N77-14025 *
US-PATENT-CLASS-416-157B .... c 07 N79-14095 *
US-PATENT-CLASS-416-158 ..... c 08 N87-23631 *
US-PATENT-CLASS-416-160 ..... c 07 N77-14025 *
US-PATENT-CLASS-416-160 ..... c 07 N79-14095 *
US-PATENT-CLASS-416-162 ..... c 07 N77-14025 *
US-PATENT-CLASS-416-162 ..... c 07 N79-14095 *
US-PATENT-CLASS-416-165 ..... c 07 N77-14025 *
US-PATENT-CLASS-416-167 ..... c 07 N77-14025 *
US-PATENT-CLASS-416-167 ..... c 07 N79-14095 *
US-PATENT-CLASS-416-190 ..... c 07 N77-32148 *
US-PATENT-CLASS-416-193A .... c 07 N77-32148 *
US-PATENT-CLASS-416-1 ..... c 34 N83-27144 *
US-PATENT-CLASS-416-200 ..... c 02 N72-11018 *
US-PATENT-CLASS-416-214A .... c 07 N78-33101 *
US-PATENT-CLASS-416-220R .... c 07 N77-27116 *
US-PATENT-CLASS-416-220R .... c 37 N78-10468 *
US-PATENT-CLASS-416-221 ..... c 07 N77-27116 *
US-PATENT-CLASS-416-223-R ... c 02 N89-14224 *
US-PATENT-CLASS-416-223R .... c 02 N84-11136 *
US-PATENT-CLASS-416-223R .... c 02 N84-28732 *
US-PATENT-CLASS-416-223 ..... c 07 N74-28226 *
US-PATENT-CLASS-416-224 ..... c 24 N77-19170 *
US-PATENT-CLASS-416-224 ..... c 07 N84-22560 *
US-PATENT-CLASS-416-228 ..... c 05 N80-14107 *
US-PATENT-CLASS-416-230 ..... c 24 N77-19170 *
US-PATENT-CLASS-416-233 ..... c 07 N84-22560 *
US-PATENT-CLASS-416-237 ..... c 07 N74-28226 *
US-PATENT-CLASS-416-238 ..... c 05 N80-14107 *
US-PATENT-CLASS-416-23 ..... c 05 N85-29947 *
US-PATENT-CLASS-416-241A .... c 07 N77-32148 *
US-PATENT-CLASS-416-241R .... c 26 N84-33555 *
US-PATENT-CLASS-416-242 ..... c 02 N84-11136 *
US-PATENT-CLASS-416-242 ..... c 02 N84-28732 *
US-PATENT-CLASS-416-244A .... c 07 N78-33101 *
US-PATENT-CLASS-416-248 ..... c 37 N78-10468 *
US-PATENT-CLASS-416-25 ..... c 05 N75-12930 *
US-PATENT-CLASS-416-2 ..... c 44 N79-14527 *
US-PATENT-CLASS-416-500 ..... c 05 N81-19087 *
US-PATENT-CLASS-416-500 ..... c 05 N85-29947 *
US-PATENT-CLASS-416-51 ..... c 05 N79-17847 *
US-PATENT-CLASS-416-61 ..... c 35 N78-24515 *
US-PATENT-CLASS-416-61 ..... c 37 N79-14382 *
US-PATENT-CLASS-416-61 ..... c 37 N94-20365 *
US-PATENT-CLASS-416-68 ..... c 05 N79-17847 *
US-PATENT-CLASS-416-89 ..... c 05 N79-17847 *
US-PATENT-CLASS-416-92 ..... c 07 N84-22560 *
US-PATENT-CLASS-416-97A ..... c 34 N85-33433 *
US-PATENT-CLASS-416-97R ..... c 34 N83-27144 *
US-PATENT-CLASS-416-97R ..... c 07 N84-22560 *
US-PATENT-CLASS-416-9 ..... c 37 N90-23742 *
US-PATENT-CLASS-417-138 ..... c 35 N75-19611 *
US-PATENT-CLASS-417-141 ..... c 44 N76-29701 *
US-PATENT-CLASS-417-152 ..... c 15 N72-22489 *
US-PATENT-CLASS-417-159 ..... c 09 N84-27749 *
US-PATENT-CLASS-417-15 ..... c 37 N83-26078 *
US-PATENT-CLASS-417-190 ..... c 35 N91-21496 *
US-PATENT-CLASS-417-207 ..... c 44 N76-29701 *
US-PATENT-CLASS-417-209 ..... c 34 N76-17317 *
US-PATENT-CLASS-417-209 ..... c 44 N76-29701 *
US-PATENT-CLASS-417-209 ..... c 34 N92-29125 *
US-PATENT-CLASS-417-225 ..... c 35 N78-10428 *
US-PATENT-CLASS-417-328 ..... c 37 N84-28081 *
US-PATENT-CLASS-417-36 ..... c 35 N75-19611 *
US-PATENT-CLASS-417-379 ..... c 44 N76-29701 *
US-PATENT-CLASS-417-383 ..... c 37 N80-31790 *
US-PATENT-CLASS-417-391 ..... c 15 N73-24513 *
US-PATENT-CLASS-417-392 ..... c 37 N84-28081 *
US-PATENT-CLASS-417-393 ..... c 37 N94-10674 *
US-PATENT-CLASS-417-395 ..... c 35 N75-19611 *
US-PATENT-CLASS-417-399 ..... c 44 N83-14693 *
US-PATENT-CLASS-417-404 ..... c 37 N94-10674 *
US-PATENT-CLASS-417-417 ..... c 44 N83-28574 *
US-PATENT-CLASS-417-417 ..... c 31 N85-21404 *
US-PATENT-CLASS-417-462 ..... c 37 N84-28081 *
US-PATENT-CLASS-417-470 ..... c 35 N74-15126 *
US-PATENT-CLASS-417-471 ..... c 35 N74-15126 *
US-PATENT-CLASS-417-475 ..... c 37 N86-32738 *
US-PATENT-CLASS-417-488 ..... c 31 N85-21404 *
US-PATENT-CLASS-417-48 ..... c 37 N94-23831 *
US-PATENT-CLASS-417-50 ..... c 15 N71-27084 *
US-PATENT-CLASS-417-50 ..... c 37 N94-23831 *
US-PATENT-CLASS-417-52 ..... c 37 N74-27904 *
US-PATENT-CLASS-417-53 ..... c 31 N90-23587 *
US-PATENT-CLASS-417-572 ..... c 31 N90-23587 *
US-PATENT-CLASS-417-64 ..... c 34 N94-20588 *
US-PATENT-CLASS-417-88 ..... c 44 N78-32539 *
US-PATENT-CLASS-418-113 ..... c 37 N82-16408 *
US-PATENT-CLASS-418-142 ..... c 37 N82-16408 *
US-PATENT-CLASS-419-14 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-24 ..... c 24 N90-23493 *
US-PATENT-CLASS-419-24 ..... c 24 N91-17145 *
US-PATENT-CLASS-419-30 ..... c 24 N91-27244 *

US-PATENT-CLASS-419-32 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-36 ..... c 24 N90-23493 *
US-PATENT-CLASS-419-36 ..... c 24 N91-17145 *
US-PATENT-CLASS-419-36 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-37 ..... c 24 N90-23493 *
US-PATENT-CLASS-419-37 ..... c 24 N91-17145 *
US-PATENT-CLASS-419-38 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-39 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-48 ..... c 24 N91-17145 *
US-PATENT-CLASS-419-49 ..... c 24 N91-17145 *
US-PATENT-CLASS-419-49 ..... c 24 N91-27244 *
US-PATENT-CLASS-419-8 ..... c 24 N90-23493 *
US-PATENT-CLASS-419-8 ..... c 24 N91-17145 *
US-PATENT-CLASS-42-1.13 ..... c 03 N91-15142 *
US-PATENT-CLASS-42-1F ..... c 11 N72-22247 *
US-PATENT-CLASS-42-101 ..... c 44 N86-25874 *
US-PATENT-CLASS-42-215 ..... c 44 N76-29704 *
US-PATENT-CLASS-420-426 ..... c 26 N94-36275 *
US-PATENT-CLASS-420-429 ..... c 26 N94-36275 *
US-PATENT-CLASS-420-445 ..... c 26 N82-31505 *
US-PATENT-CLASS-420-460 ..... c 26 N87-14482 *
US-PATENT-CLASS-420-529 ..... c 26 N89-28621 *
US-PATENT-CLASS-420-533 ..... c 26 N89-28621 *
US-PATENT-CLASS-420-54 ..... c 26 N89-14303 *
US-PATENT-CLASS-420-551 ..... c 26 N82-31505 *
US-PATENT-CLASS-420-578 ..... c 26 N94-36275 *
US-PATENT-CLASS-420-588 ..... c 26 N82-31505 *
US-PATENT-CLASS-420-588 ..... c 26 N94-36275 *
US-PATENT-CLASS-420-62 ..... c 26 N89-14303 *
US-PATENT-CLASS-420-79 ..... c 26 N89-14303 *
US-PATENT-CLASS-420-80 ..... c 26 N89-14303 *
US-PATENT-CLASS-420-81 ..... c 26 N89-14303 *
US-PATENT-CLASS-421-209 ..... c 33 N91-31529 *
US-PATENT-CLASS-421-457 ..... c 33 N91-31529 *
US-PATENT-CLASS-422-101 ..... c 51 N91-31755 *
US-PATENT-CLASS-422-102 ..... c 76 N92-34171 *
US-PATENT-CLASS-422-103 ..... c 35 N85-29213 *
US-PATENT-CLASS-422-104 ..... c 09 N91-21157 *
US-PATENT-CLASS-422-109 ..... c 54 N81-24724 *
US-PATENT-CLASS-422-110 ..... c 35 N93-17626 *
US-PATENT-CLASS-422-111 ..... c 35 N90-22025 *
US-PATENT-CLASS-422-121 ..... c 35 N84-17555 *
US-PATENT-CLASS-422-126 ..... c 35 N90-22025 *
US-PATENT-CLASS-422-129 ..... c 37 N85-21652 *
US-PATENT-CLASS-422-129 ..... c 31 N94-35445 *
US-PATENT-CLASS-422-136 ..... c 24 N93-29609 *
US-PATENT-CLASS-422-169 ..... c 35 N84-17555 *
US-PATENT-CLASS-422-176 ..... c 34 N92-16243 *
US-PATENT-CLASS-422-178 ..... c 35 N84-17555 *
US-PATENT-CLASS-422-186.04 .. c 31 N94-35445 *
US-PATENT-CLASS-422-186.05 .. c 31 N94-35445 *
US-PATENT-CLASS-422-186 ..... c 25 N82-28368 *
US-PATENT-CLASS-422-186 ..... c 35 N84-17555 *
US-PATENT-CLASS-422-187 ..... c 37 N80-10494 *
US-PATENT-CLASS-422-198 ..... c 25 N82-28368 *
US-PATENT-CLASS-422-199 ..... c 37 N80-10494 *
US-PATENT-CLASS-422-199 ..... c 37 N85-21652 *
US-PATENT-CLASS-422-200 ..... c 44 N83-10501 *
US-PATENT-CLASS-422-202 ..... c 44 N83-10501 *
US-PATENT-CLASS-422-208 ..... c 37 N80-10494 *
US-PATENT-CLASS-422-209 ..... c 24 N93-29609 *
US-PATENT-CLASS-422-224 ..... c 31 N80-18231 *
US-PATENT-CLASS-422-224 ..... c 44 N83-10501 *
US-PATENT-CLASS-422-235 ..... c 37 N80-10494 *
US-PATENT-CLASS-422-242 ..... c 37 N80-10494 *
US-PATENT-CLASS-422-245 ..... c 76 N90-23242 *
US-PATENT-CLASS-422-245 ..... c 76 N90-24169 *
US-PATENT-CLASS-422-245 ..... c 76 N92-25398 *
US-PATENT-CLASS-422-245 ..... c 76 N92-34171 *
US-PATENT-CLASS-422-245 ..... c 76 N94-20528 *
US-PATENT-CLASS-422-246 ..... c 76 N80-32244 *
US-PATENT-CLASS-422-246 ..... c 33 N81-19389 *
US-PATENT-CLASS-422-246 ..... c 76 N82-30105 *
US-PATENT-CLASS-422-246 ..... c 76 N84-35113 *
US-PATENT-CLASS-422-246 ..... c 76 N88-24544 *
US-PATENT-CLASS-422-247 ..... c 76 N92-25398 *
US-PATENT-CLASS-422-249 ..... c 33 N81-19389 *
US-PATENT-CLASS-422-249 ..... c 76 N84-35113 *
US-PATENT-CLASS-422-249 ..... c 76 N90-20896 *
US-PATENT-CLASS-422-251 ..... c 76 N88-14835 *
US-PATENT-CLASS-422-254 ..... c 76 N92-34171 *
US-PATENT-CLASS-422-260 ..... c 76 N88-14835 *
US-PATENT-CLASS-422-27 ..... c 54 N81-24724 *
US-PATENT-CLASS-422-30 ..... c 54 N81-24724 *
US-PATENT-CLASS-422-34 ..... c 54 N81-24724 *
US-PATENT-CLASS-422-3 ..... c 54 N81-24724 *
US-PATENT-CLASS-422-40 ..... c 35 N82-11432 *
US-PATENT-CLASS-422-41 ..... c 52 N79-14749 *
US-PATENT-CLASS-422-48 ..... c 52 N79-14749 *
US-PATENT-CLASS-422-50 ..... c 76 N90-24169 *
US-PATENT-CLASS-422-52 ..... c 51 N80-16714 *
US-PATENT-CLASS-422-52 ..... c 51 N83-27569 *
US-PATENT-CLASS-422-56 ..... c 76 N92-34171 *
US-PATENT-CLASS-422-62 ..... c 35 N90-22025 *
US-PATENT-CLASS-422-68 ..... c 51 N80-27067 *
US-PATENT-CLASS-422-78 ..... c 25 N86-19413 *
US-PATENT-CLASS-422-78 ..... c 09 N91-21157 *
US-PATENT-CLASS-422-80 ..... c 25 N82-12166 *
US-PATENT-CLASS-422-80 ..... c 09 N91-21157 *
US-PATENT-CLASS-422-83 ..... c 34 N92-16243 *
US-PATENT-CLASS-422-83 ..... c 35 N93-17626 *
US-PATENT-CLASS-422-86 ..... c 35 N85-29213 *
US-PATENT-CLASS-422-88 ..... c 35 N85-29213 *
US-PATENT-CLASS-422-93 ..... c 34 N92-16243 *
US-PATENT-CLASS-422-93 ..... c 35 N93-17626 *
US-PATENT-CLASS-422-98 ..... c 35 N90-22025 *
US-PATENT-CLASS-422-99 ..... c 51 N91-31755 *
US-PATENT-CLASS-422-99 ..... c 76 N92-34171 *
US-PATENT-CLASS-422-9 ..... c 45 N80-14579 *
US-PATENT-CLASS-423-DIG.10 . c 24 N84-22695 *
US-PATENT-CLASS-423-DIG.10 . c 31 N85-20153 *
US-PATENT-CLASS-423-131 ..... c 28 N81-15119 *
US-PATENT-CLASS-423-149 ..... c 26 N80-14229 *
US-PATENT-CLASS-423-1 ..... c 28 N81-15119 *
US-PATENT-CLASS-423-231 ..... c 25 N74-12813 *
US-PATENT-CLASS-423-235 ..... c 25 N82-28368 *
US-PATENT-CLASS-423-242 ..... c 45 N79-12584 *
US-PATENT-CLASS-423-247 ..... c 25 N91-21270 *
US-PATENT-CLASS-423-249 ..... c 25 N76-27383 *
US-PATENT-CLASS-423-276 ..... c 23 N87-23698 *
US-PATENT-CLASS-423-284 ..... c 23 N87-23698 *
US-PATENT-CLASS-423-293 ..... c 26 N80-14229 *
US-PATENT-CLASS-423-303 ..... c 44 N84-23019 *
US-PATENT-CLASS-423-324 ..... c 33 N94-29505 *
US-PATENT-CLASS-423-33-5 ..... c 25 N79-28253 *
US-PATENT-CLASS-423-338 ..... c 76 N87-29360 *
US-PATENT-CLASS-423-339 ..... c 76 N87-29360 *
US-PATENT-CLASS-423-345 ..... c 76 N76-25049 *
US-PATENT-CLASS-423-345 ..... c 76 N79-23798 *
US-PATENT-CLASS-423-346 ..... c 76 N76-25049 *
US-PATENT-CLASS-423-348 ..... c 26 N80-14229 *
US-PATENT-CLASS-423-350 ..... c 37 N80-10494 *
US-PATENT-CLASS-423-350 ..... c 31 N80-18231 *
US-PATENT-CLASS-423-352 ..... c 36 N76-18427 *
US-PATENT-CLASS-423-407 ..... c 24 N76-14203 *
US-PATENT-CLASS-423-414 ..... c 24 N84-22695 *
US-PATENT-CLASS-423-414 ..... c 31 N85-20153 *
US-PATENT-CLASS-423-417 ..... c 26 N80-14229 *
US-PATENT-CLASS-423-419P ..... c 25 N83-33977 *
US-PATENT-CLASS-423-439 ..... c 24 N91-15320 *
US-PATENT-CLASS-423-439 ..... c 27 N92-10090 *
US-PATENT-CLASS-423-445 ..... c 24 N84-22695 *
US-PATENT-CLASS-423-445 ..... c 31 N85-20153 *
US-PATENT-CLASS-423-445 ..... c 24 N85-21267 *
US-PATENT-CLASS-423-446 ..... c 15 N73-19457 *
US-PATENT-CLASS-423-446 ..... c 24 N84-22695 *
US-PATENT-CLASS-423-446 ..... c 31 N85-20153 *
US-PATENT-CLASS-423-446 ..... c 24 N85-21267 *
US-PATENT-CLASS-423-447.2 .... c 24 N83-25789 *
US-PATENT-CLASS-423-447.2 .... c 24 N92-16025 *
US-PATENT-CLASS-423-447.6 .... c 24 N83-25789 *
US-PATENT-CLASS-423-447.7 .... c 24 N83-25789 *
US-PATENT-CLASS-423-448 ..... c 24 N91-15320 *
US-PATENT-CLASS-423-448 ..... c 27 N92-10090 *
US-PATENT-CLASS-423-448 ..... c 24 N92-16025 *
US-PATENT-CLASS-423-449 ..... c 24 N84-22695 *
US-PATENT-CLASS-423-449 ..... c 31 N85-20153 *
US-PATENT-CLASS-423-449 ..... c 24 N85-21267 *
US-PATENT-CLASS-423-460 ..... c 24 N91-15320 *
US-PATENT-CLASS-423-460 ..... c 27 N92-10090 *
US-PATENT-CLASS-423-460 ..... c 24 N92-16025 *
US-PATENT-CLASS-423-489 ..... c 24 N91-15320 *
US-PATENT-CLASS-423-539 ..... c 25 N82-28368 *
US-PATENT-CLASS-423-540 ..... c 25 N82-28368 *
US-PATENT-CLASS-423-542 ..... c 25 N82-28368 *
US-PATENT-CLASS-423-579 ..... c 46 N74-13011 *
US-PATENT-CLASS-423-579 ..... c 25 N82-28368 *
US-PATENT-CLASS-423-581 ..... c 25 N79-10162 *
US-PATENT-CLASS-423-582 ..... c 26 N78-32229 *
US-PATENT-CLASS-423-583 ..... c 26 N78-32229 *
US-PATENT-CLASS-423-600 ..... c 25 N83-33977 *
US-PATENT-CLASS-423-625 ..... c 15 N73-19457 *
US-PATENT-CLASS-423-625 ..... c 26 N80-14229 *
US-PATENT-CLASS-423-630 ..... c 27 N92-16122 *
US-PATENT-CLASS-423-644 ..... c 36 N76-18427 *
US-PATENT-CLASS-423-648R .... c 44 N77-22607 *
US-PATENT-CLASS-423-648R .... c 28 N78-24365 *
US-PATENT-CLASS-423-648R .... c 28 N80-20402 *
US-PATENT-CLASS-423-648R .... c 28 N81-14103 *
US-PATENT-CLASS-423-648R .... c 25 N82-28368 *
US-PATENT-CLASS-423-648R .... c 25 N83-29324 *
US-PATENT-CLASS-423-649 ..... c 25 N83-29324 *
US-PATENT-CLASS-423-650 ..... c 44 N76-18642 *
US-PATENT-CLASS-423-650 ..... c 44 N76-29700 *
US-PATENT-CLASS-423-650 ..... c 44 N76-29704 *
US-PATENT-CLASS-423-650 ..... c 44 N77-10636 *
US-PATENT-CLASS-423-650 ..... c 28 N80-10374 *
US-PATENT-CLASS-423-655 ..... c 28 N91-14495 *
US-PATENT-CLASS-423-658.5 .... c 28 N81-15119 *
US-PATENT-CLASS-424-12 ..... c 25 N79-14169 *
US-PATENT-CLASS-424-12 ..... c 51 N80-16715 *
US-PATENT-CLASS-424-156 ..... c 25 N83-33977 *
US-PATENT-CLASS-424-180 ..... c 52 N75-15270 *
US-PATENT-CLASS-424-218 ..... c 33 N94-29505 *
US-PATENT-CLASS-424-247 ..... c 52 N81-29764 *
US-PATENT-CLASS-424-267 ..... c 52 N81-29764 *
US-PATENT-CLASS-424-274 ..... c 52 N81-14613 *
US-PATENT-CLASS-424-274 ..... c 52 N81-29764 *
US-PATENT-CLASS-424-3 ..... c 51 N77-27677 *
US-PATENT-CLASS-424-70 ..... c 54 N92-29137 *
US-PATENT-CLASS-425-DIG.43 . c 31 N75-13111 *
US-PATENT-CLASS-425-10 ..... c 31 N83-35176 *
US-PATENT-CLASS-425-113 ..... c 15 N73-13464 *
US-PATENT-CLASS-425-128 ..... c 31 N74-32920 *
US-PATENT-CLASS-425-129.1 .... c 37 N94-20379 *
US-PATENT-CLASS-425-133 ..... c 15 N73-13464 *
US-PATENT-CLASS-425-176 ..... c 15 N73-13464 *
US-PATENT-CLASS-425-28B ..... c 31 N74-32917 *
US-PATENT-CLASS-425-35 ..... c 31 N74-32917 *
US-PATENT-CLASS-425-378R .... c 31 N81-15154 *
US-PATENT-CLASS-425-4-R ..... c 27 N88-23894 *
US-PATENT-CLASS-425-405R .... c 31 N75-13111 *
US-PATENT-CLASS-425-415 ..... c 31 N74-32920 *
US-PATENT-CLASS-425-425 ..... c 31 N90-19425 *
US-PATENT-CLASS-425-435 ..... c 31 N90-19425 *
US-PATENT-CLASS-425-438 ..... c 31 N75-13111 *
US-PATENT-CLASS-425-468 ..... c 31 N75-13111 *
US-PATENT-CLASS-425-5 ..... c 34 N90-23700 *
US-PATENT-CLASS-425-6 ..... c 31 N81-33319 *
US-PATENT-CLASS-425-6 ..... c 27 N82-28442 *
US-PATENT-CLASS-425-6 ..... c 31 N83-31896 *
US-PATENT-CLASS-425-6 ..... c 31 N83-35176 *
US-PATENT-CLASS-425-6 ..... c 71 N84-28568 *
US-PATENT-CLASS-425-6 ..... c 26 N86-32551 *
US-PATENT-CLASS-425-6 ..... c 34 N90-23700 *
US-PATENT-CLASS-425-73 ..... c 31 N90-19425 *
US-PATENT-CLASS-425-75 ..... c 31 N90-19425 *
US-PATENT-CLASS-425-77 ..... c 15 N72-20446 *
US-PATENT-CLASS-425-7 ..... c 31 N83-35176 *
US-PATENT-CLASS-425-804 ..... c 34 N90-23700 *
US-PATENT-CLASS-426-191 ..... c 33 N94-23823 *
US-PATENT-CLASS-427-108 ..... c 74 N92-29158 *
US-PATENT-CLASS-427-108 ..... c 33 N93-20119 *
US-PATENT-CLASS-427-109 ..... c 74 N92-29158 *
US-PATENT-CLASS-427-113 ..... c 44 N76-28635 *
US-PATENT-CLASS-427-113 ..... c 44 N78-24609 *
US-PATENT-CLASS-427-113 ..... c 44 N84-28205 *
US-PATENT-CLASS-427-115 ..... c 25 N82-21268 *
US-PATENT-CLASS-427-115 ..... c 26 N84-22734 *
US-PATENT-CLASS-427-115 ..... c 44 N84-28205 *
US-PATENT-CLASS-427-123 ..... c 44 N79-11472 *
US-PATENT-CLASS-427-124 ..... c 37 N78-13436 *
US-PATENT-CLASS-427-125 ..... c 26 N84-22734 *
US-PATENT-CLASS-427-125 ..... c 44 N84-28205 *
US-PATENT-CLASS-427-126.6 .... c 26 N84-22734 *
US-PATENT-CLASS-427-126 ..... c 37 N78-13436 *
US-PATENT-CLASS-427-126 ..... c 44 N79-11472 *
US-PATENT-CLASS-427-130 ..... c 44 N77-32583 *
US-PATENT-CLASS-427-140 ..... c 27 N82-33520 *
US-PATENT-CLASS-427-140 ..... c 24 N83-13172 *
US-PATENT-CLASS-427-160 ..... c 34 N77-18382 *
US-PATENT-CLASS-427-160 ..... c 44 N78-19599 *
US-PATENT-CLASS-427-162 ..... c 12 N76-15189 *
US-PATENT-CLASS-427-162 ..... c 27 N86-31727 *
US-PATENT-CLASS-427-163 ..... c 27 N94-20373 *
US-PATENT-CLASS-427-164 ..... c 27 N78-14164 *
US-PATENT-CLASS-427-164 ..... c 27 N78-31233 *
US-PATENT-CLASS-427-164 ..... c 74 N78-32854 *
US-PATENT-CLASS-427-164 ..... c 27 N80-24437 *
US-PATENT-CLASS-427-164 ..... c 27 N86-31727 *
US-PATENT-CLASS-427-165 ..... c 27 N86-31727 *
US-PATENT-CLASS-427-178 ..... c 24 N85-30027 *
US-PATENT-CLASS-427-180 ..... c 31 N93-26101 *
US-PATENT-CLASS-427-185 ..... c 24 N92-10070 *
US-PATENT-CLASS-427-191 ..... c 26 N85-35267 *
US-PATENT-CLASS-427-191 ..... c 26 N86-32550 *
US-PATENT-CLASS-427-192 ..... c 26 N86-32550 *
US-PATENT-CLASS-427-195 ..... c 24 N92-10070 *
US-PATENT-CLASS-427-195 ..... c 31 N93-26101 *
US-PATENT-CLASS-427-196 ..... c 27 N76-15310 *
US-PATENT-CLASS-427-203 ..... c 27 N76-16229 *
US-PATENT-CLASS-427-204 ..... c 27 N76-16229 *
US-PATENT-CLASS-427-205 ..... c 27 N76-16229 *
US-PATENT-CLASS-427-205 ..... c 27 N82-28441 *
US-PATENT-CLASS-427-215 ..... c 27 N78-32260 *
US-PATENT-CLASS-427-215 ..... c 24 N83-33950 *
US-PATENT-CLASS-427-216 ..... c 33 N84-16456 *
US-PATENT-CLASS-427-217 ..... c 33 N84-16456 *
US-PATENT-CLASS-427-219.2 .... c 27 N83-31855 *
US-PATENT-CLASS-427-221 ..... c 27 N81-19296 *
US-PATENT-CLASS-427-226 ..... c 33 N84-16456 *
US-PATENT-CLASS-427-226 ..... c 44 N84-28205 *
US-PATENT-CLASS-427-228 ..... c 26 N85-35267 *
US-PATENT-CLASS-427-229 ..... c 25 N78-10225 *
US-PATENT-CLASS-427-229 ..... c 37 N87-21334 *
US-PATENT-CLASS-427-230 ..... c 37 N76-31524 *
US-PATENT-CLASS-427-236 ..... c 27 N94-20541 *
US-PATENT-CLASS-427-240 ..... c 37 N81-33482 *

US-PATENT-CLASS-428-260 ..... c 27 N85-34281 *
US-PATENT-CLASS-428-260 ..... c 24 N94-20539 *
US-PATENT-CLASS-428-262 ..... c 27 N87-14516 *
US-PATENT-CLASS-428-263 ..... c 27 N82-16238 *
US-PATENT-CLASS-428-264 ..... c 27 N82-16238 *
US-PATENT-CLASS-428-265 ..... c 27 N82-16238 *
US-PATENT-CLASS-428-266 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-267 ..... c 27 N82-16238 *
US-PATENT-CLASS-428-272 ..... c 27 N82-16238 *
US-PATENT-CLASS-428-280 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-280 ..... c 03 N84-33394 *
US-PATENT-CLASS-428-282 ..... c 24 N79-25142 *
US-PATENT-CLASS-428-283 ..... c 24 N82-29362 *
US-PATENT-CLASS-428-283 ..... c 27 N82-29456 *
US-PATENT-CLASS-428-284 ..... c 24 N82-29362 *
US-PATENT-CLASS-428-285 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-285 ..... c 24 N91-31236 *
US-PATENT-CLASS-428-286 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-286 ..... c 24 N82-29362 *
US-PATENT-CLASS-428-287 ..... c 24 N82-29362 *
US-PATENT-CLASS-428-287 ..... c 03 N84-33394 *
US-PATENT-CLASS-428-288 ..... c 24 N82-29362 *
US-PATENT-CLASS-428-288 ..... c 27 N89-29538 *
US-PATENT-CLASS-428-288 ..... c 24 N94-20539 *
US-PATENT-CLASS-428-289 ..... c 27 N82-29456 *
US-PATENT-CLASS-428-289 ..... c 24 N94-20539 *
US-PATENT-CLASS-428-290 ..... c 24 N78-15180 *
US-PATENT-CLASS-428-290 ..... c 24 N79-25142 *
US-PATENT-CLASS-428-290 ..... c 27 N87-28657 *
US-PATENT-CLASS-428-290 ..... c 54 N90-25498 *
US-PATENT-CLASS-428-294 ..... c 24 N78-17150 *
US-PATENT-CLASS-428-294 ..... c 76 N83-34796 *
US-PATENT-CLASS-428-301 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-302 ..... c 24 N78-17150 *
US-PATENT-CLASS-428-303 ..... c 27 N76-15310 *
US-PATENT-CLASS-428-304.4 .... c 03 N84-33394 *
US-PATENT-CLASS-428-307.7 .... c 27 N82-29456 *
US-PATENT-CLASS-428-307.7 .... c 24 N92-16026 *
US-PATENT-CLASS-428-311.5 .... c 27 N82-29456 *
US-PATENT-CLASS-428-312.6 .... c 27 N82-29456 *
US-PATENT-CLASS-428-312.6 .... c 44 N83-34448 *
US-PATENT-CLASS-428-312 ..... c 27 N76-32260 *
US-PATENT-CLASS-428-313 ..... c 24 N78-27180 *
US-PATENT-CLASS-428-315.5 .... c 25 N92-33009 *
US-PATENT-CLASS-428-315.7 .... c 25 N92-33009 *
US-PATENT-CLASS-428-317.9 .... c 27 N82-29456 *
US-PATENT-CLASS-428-319.1 .... c 03 N84-33394 *
US-PATENT-CLASS-428-325 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-325 ..... c 27 N82-29456 *
US-PATENT-CLASS-428-325 ..... c 44 N83-34448 *
US-PATENT-CLASS-428-325 ..... c 24 N92-16026 *
US-PATENT-CLASS-428-328 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-328 ..... c 54 N90-25498 *
US-PATENT-CLASS-428-331 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-331 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-332 ..... c 27 N76-22377 *
US-PATENT-CLASS-428-332 ..... c 27 N76-23426 *
US-PATENT-CLASS-428-332 ..... c 24 N78-27180 *
US-PATENT-CLASS-428-332 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-332 ..... c 24 N79-25142 *
US-PATENT-CLASS-428-332 ..... c 27 N82-24340 *
US-PATENT-CLASS-428-334 ..... c 74 N78-15879 *
US-PATENT-CLASS-428-334 ..... c 24 N94-20539 *
US-PATENT-CLASS-428-336 ..... c 74 N78-15879 *
US-PATENT-CLASS-428-336 ..... c 27 N86-31727 *
US-PATENT-CLASS-428-336 ..... c 27 N94-35502 *
US-PATENT-CLASS-428-339 ..... c 27 N82-24340 *
US-PATENT-CLASS-428-341 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-347 ..... c 27 N84-14323 *
US-PATENT-CLASS-428-35.9 ..... c 24 N90-25196 *
US-PATENT-CLASS-428-35 ..... c 34 N77-18382 *
US-PATENT-CLASS-428-366 ..... c 24 N79-24062 *
US-PATENT-CLASS-428-367 ..... c 27 N81-27272 *
US-PATENT-CLASS-428-367 ..... c 24 N83-33950 *
US-PATENT-CLASS-428-367 ..... c 27 N84-14322 *
US-PATENT-CLASS-428-367 ..... c 27 N87-28656 *
US-PATENT-CLASS-428-367 ..... c 27 N89-29538 *
US-PATENT-CLASS-428-367 ..... c 24 N90-25196 *
US-PATENT-CLASS-428-367 ..... c 27 N94-23076 *
US-PATENT-CLASS-428-368 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-368 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-370 ..... c 27 N84-22745 *
US-PATENT-CLASS-428-375 ..... c 24 N79-16915 *
US-PATENT-CLASS-428-375 ..... c 24 N83-33950 *
US-PATENT-CLASS-428-375 ..... c 27 N89-29538 *
US-PATENT-CLASS-428-376 ..... c 24 N90-25196 *
US-PATENT-CLASS-428-379 ..... c 24 N90-25196 *
US-PATENT-CLASS-428-390 ..... c 27 N89-29538 *
US-PATENT-CLASS-428-392 ..... c 24 N83-33950 *
US-PATENT-CLASS-428-403 ..... c 27 N92-25397 *
US-PATENT-CLASS-428-404 ..... c 25 N92-33009 *
US-PATENT-CLASS-428-405 ..... c 27 N92-25397 *
US-PATENT-CLASS-428-406 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-407 ..... c 27 N92-25397 *
US-PATENT-CLASS-428-408 ..... c 27 N81-27272 *
US-PATENT-CLASS-428-408 ..... c 27 N84-14322 *
US-PATENT-CLASS-428-408 ..... c 27 N84-22745 *
US-PATENT-CLASS-428-408 ..... c 27 N85-34281 *
US-PATENT-CLASS-428-408 ..... c 24 N86-28131 *
US-PATENT-CLASS-428-408 ..... c 27 N89-29538 *
US-PATENT-CLASS-428-408 ..... c 52 N90-20616 *
US-PATENT-CLASS-428-408 ..... c 27 N94-23076 *
US-PATENT-CLASS-428-409 ..... c 39 N93-29613 *
US-PATENT-CLASS-428-409 ..... c 39 N94-23308 *
US-PATENT-CLASS-428-40 ..... c 27 N84-14323 *
US-PATENT-CLASS-428-410 ..... c 23 N86-19376 *
US-PATENT-CLASS-428-411 ..... c 27 N78-14164 *
US-PATENT-CLASS-428-411 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-411 ..... c 27 N79-14214 *
US-PATENT-CLASS-428-412 ..... c 27 N76-16230 *
US-PATENT-CLASS-428-412 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-412 ..... c 74 N78-32854 *
US-PATENT-CLASS-428-412 ..... c 27 N79-18052 *
US-PATENT-CLASS-428-412 ..... c 27 N92-10091 *
US-PATENT-CLASS-428-413 ..... c 27 N76-16230 *
US-PATENT-CLASS-428-413 ..... c 15 N79-26100 *
US-PATENT-CLASS-428-413 ..... c 24 N81-14000 *
US-PATENT-CLASS-428-413 ..... c 27 N85-34281 *
US-PATENT-CLASS-428-413 ..... c 27 N87-25469 *
US-PATENT-CLASS-428-414 ..... c 15 N79-26100 *
US-PATENT-CLASS-428-416 ..... c 27 N76-14264 *
US-PATENT-CLASS-428-417 ..... c 27 N87-25469 *
US-PATENT-CLASS-428-418 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-418 ..... c 15 N79-26100 *
US-PATENT-CLASS-428-419 ..... c 27 N92-10091 *
US-PATENT-CLASS-428-421 ..... c 34 N77-18382 *
US-PATENT-CLASS-428-421 ..... c 15 N79-26100 *
US-PATENT-CLASS-428-421 ..... c 27 N80-24437 *
US-PATENT-CLASS-428-421 ..... c 76 N83-34796 *
US-PATENT-CLASS-428-421 ..... c 27 N87-16909 *
US-PATENT-CLASS-428-421 ..... c 27 N87-23736 *
US-PATENT-CLASS-428-421 ..... c 27 N94-35502 *
US-PATENT-CLASS-428-422 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-422 ..... c 76 N83-34796 *
US-PATENT-CLASS-428-422 ..... c 27 N87-23736 *
US-PATENT-CLASS-428-422 ..... c 54 N90-25498 *
US-PATENT-CLASS-428-422 ..... c 27 N94-35502 *
US-PATENT-CLASS-428-423.5 .... c 03 N84-33394 *
US-PATENT-CLASS-428-425 ..... c 24 N77-28225 *
US-PATENT-CLASS-428-426 ..... c 74 N78-15879 *
US-PATENT-CLASS-428-426 ..... c 24 N92-21725 *
US-PATENT-CLASS-428-427 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-427 ..... c 44 N83-34448 *
US-PATENT-CLASS-428-428 ..... c 27 N76-22377 *
US-PATENT-CLASS-428-428 ..... c 27 N76-23426 *
US-PATENT-CLASS-428-428 ..... c 74 N78-15879 *
US-PATENT-CLASS-428-428 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-428 ..... c 44 N83-34448 *
US-PATENT-CLASS-428-428 ..... c 24 N93-26100 *
US-PATENT-CLASS-428-432 ..... c 27 N84-33589 *
US-PATENT-CLASS-428-432 ..... c 76 N85-33826 *
US-PATENT-CLASS-428-432 ..... c 24 N92-21725 *
US-PATENT-CLASS-428-432 ..... c 27 N94-35502 *
US-PATENT-CLASS-428-433 ..... c 24 N92-21725 *
US-PATENT-CLASS-428-433 ..... c 27 N94-35502 *
US-PATENT-CLASS-428-446 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-446 ..... c 27 N82-29456 *
US-PATENT-CLASS-428-446 ..... c 27 N86-19458 *
US-PATENT-CLASS-428-446 ..... c 24 N92-16026 *
US-PATENT-CLASS-428-447 ..... c 27 N76-14264 *
US-PATENT-CLASS-428-447 ..... c 27 N76-16230 *
US-PATENT-CLASS-428-447 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-447 ..... c 74 N78-32854 *
US-PATENT-CLASS-428-447 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-447 ..... c 27 N79-18052 *
US-PATENT-CLASS-428-447 ..... c 24 N79-25142 *
US-PATENT-CLASS-428-447 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-447 ..... c 27 N87-14516 *
US-PATENT-CLASS-428-447 ..... c 27 N87-23736 *
US-PATENT-CLASS-428-447 ..... c 54 N90-25498 *
US-PATENT-CLASS-428-448 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-44 ..... c 24 N88-18628 *
US-PATENT-CLASS-428-44 ..... c 27 N89-12741 *
US-PATENT-CLASS-428-450 ..... c 27 N76-16229 *
US-PATENT-CLASS-428-450 ..... c 27 N76-22377 *
US-PATENT-CLASS-428-450 ..... c 27 N76-23426 *
US-PATENT-CLASS-428-450 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-450 ..... c 26 N83-31795 *
US-PATENT-CLASS-428-450 ..... c 76 N90-24168 *
US-PATENT-CLASS-428-451 ..... c 27 N79-18052 *
US-PATENT-CLASS-428-457 ..... c 27 N76-16229 *
US-PATENT-CLASS-428-457 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-457 ..... c 24 N77-28225 *
US-PATENT-CLASS-428-457 ..... c 26 N82-30371 *
US-PATENT-CLASS-428-457 ..... c 76 N90-24168 *
US-PATENT-CLASS-428-458 ..... c 24 N77-28225 *
US-PATENT-CLASS-428-458 ..... c 24 N79-16915 *
US-PATENT-CLASS-428-458 ..... c 27 N86-20561 *
US-PATENT-CLASS-428-458 ..... c 54 N90-25498 *
US-PATENT-CLASS-428-458 ..... c 27 N92-10091 *
US-PATENT-CLASS-428-461 ..... c 34 N77-18382 *
US-PATENT-CLASS-428-462 ..... c 27 N82-24340 *
US-PATENT-CLASS-428-466 ..... c 27 N82-24340 *
US-PATENT-CLASS-428-469 ..... c 27 N76-16229 *
US-PATENT-CLASS-428-469 ..... c 26 N83-31795 *
US-PATENT-CLASS-428-469 ..... c 24 N92-21725 *
US-PATENT-CLASS-428-471 ..... c 26 N81-25188 *
US-PATENT-CLASS-428-472.2 .... c 24 N92-21725 *
US-PATENT-CLASS-428-472 ..... c 26 N82-30371 *
US-PATENT-CLASS-428-473.5 .... c 27 N81-14078 *
US-PATENT-CLASS-428-473.5 .... c 27 N81-29229 *
US-PATENT-CLASS-428-473.5 .... c 27 N84-14322 *
US-PATENT-CLASS-428-473.5 .... c 27 N86-19458 *
US-PATENT-CLASS-428-473.5 .... c 27 N86-20561 *
US-PATENT-CLASS-428-473.5 .... c 24 N86-25416 *
US-PATENT-CLASS-428-473.5 .... c 27 N86-31726 * #
US-PATENT-CLASS-428-473.5 .... c 27 N86-31727 *
US-PATENT-CLASS-428-473.5 .... c 27 N87-16909 *
US-PATENT-CLASS-428-473.5 .... c 27 N87-23736 *
US-PATENT-CLASS-428-473.5 .... c 27 N94-35233 *
US-PATENT-CLASS-428-474 ..... c 34 N77-18382 *
US-PATENT-CLASS-428-474.4 .... c 24 N86-25416 *
US-PATENT-CLASS-428-474.4 .... c 54 N90-25498 *
US-PATENT-CLASS-428-474 ..... c 27 N79-33316 *
US-PATENT-CLASS-428-474 ..... c 27 N80-24437 *
US-PATENT-CLASS-428-477.7 .... c 24 N86-25416 *
US-PATENT-CLASS-428-47 ..... c 27 N89-12741 *
US-PATENT-CLASS-428-480 ..... c 24 N81-14000 *
US-PATENT-CLASS-428-480 ..... c 39 N93-29613 *
US-PATENT-CLASS-428-480 ..... c 39 N94-23308 *
US-PATENT-CLASS-428-493 ..... c 27 N82-24340 *
US-PATENT-CLASS-428-49 ..... c 27 N82-24339 *
US-PATENT-CLASS-428-49 ..... c 27 N82-29456 *
US-PATENT-CLASS-428-500 ..... c 27 N80-32516 *
US-PATENT-CLASS-428-500 ..... c 27 N87-16909 *
US-PATENT-CLASS-428-515 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-522 ..... c 27 N78-14164 *
US-PATENT-CLASS-428-523 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-528 ..... c 24 N81-13999 *
US-PATENT-CLASS-428-538 ..... c 27 N76-22377 *
US-PATENT-CLASS-428-538 ..... c 27 N76-23426 *
US-PATENT-CLASS-428-538 ..... c 27 N78-31233 *
US-PATENT-CLASS-428-539 ..... c 27 N76-16229 *
US-PATENT-CLASS-428-541 ..... c 24 N81-13999 *
US-PATENT-CLASS-428-551 ..... c 24 N90-23493 *
US-PATENT-CLASS-428-552 ..... c 24 N90-23493 *
US-PATENT-CLASS-428-552 ..... c 26 N94-29507 *
US-PATENT-CLASS-428-553 ..... c 26 N94-29507 *
US-PATENT-CLASS-428-564 ..... c 26 N84-33555 *
US-PATENT-CLASS-428-565 ..... c 26 N94-29507 *
US-PATENT-CLASS-428-58 ..... c 27 N89-12741 *
US-PATENT-CLASS-428-593 ..... c 24 N82-24296 *
US-PATENT-CLASS-428-593 ..... c 24 N84-11214 *
US-PATENT-CLASS-428-594 ..... c 24 N82-24296 *
US-PATENT-CLASS-428-594 ..... c 24 N82-32417 *
US-PATENT-CLASS-428-595 ..... c 18 N84-33450 *
US-PATENT-CLASS-428-604 ..... c 24 N82-24296 *
US-PATENT-CLASS-428-604 ..... c 24 N82-32417 *
US-PATENT-CLASS-428-607 ..... c 24 N82-32417 *
US-PATENT-CLASS-428-607 ..... c 26 N87-25455 *
US-PATENT-CLASS-428-607 ..... c 24 N90-23480 *
US-PATENT-CLASS-428-608 ..... c 24 N82-32417 *
US-PATENT-CLASS-428-610 ..... c 37 N94-29557 *
US-PATENT-CLASS-428-614 ..... c 27 N92-29090 *
US-PATENT-CLASS-428-614 ..... c 24 N93-29614 *
US-PATENT-CLASS-428-623 ..... c 27 N83-31855 *
US-PATENT-CLASS-428-623 ..... c 24 N90-23480 *
US-PATENT-CLASS-428-627 ..... c 24 N90-23480 *
US-PATENT-CLASS-428-629 ..... c 44 N80-16452 *
US-PATENT-CLASS-428-632 ..... c 26 N81-25188 *
US-PATENT-CLASS-428-632 ..... c 26 N84-27855 *
US-PATENT-CLASS-428-632 ..... c 26 N87-25455 *
US-PATENT-CLASS-428-632 ..... c 24 N90-23480 *
US-PATENT-CLASS-428-633 ..... c 34 N78-18355 *
US-PATENT-CLASS-428-633 ..... c 27 N83-31855 *
US-PATENT-CLASS-428-633 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-633 ..... c 24 N85-35233 *
US-PATENT-CLASS-428-639 ..... c 26 N84-33555 *
US-PATENT-CLASS-428-63 ..... c 24 N83-13172 *
US-PATENT-CLASS-428-641 ..... c 26 N83-31795 *
US-PATENT-CLASS-428-641 ..... c 76 N90-19884 *
US-PATENT-CLASS-428-650 ..... c 44 N80-16452 *
US-PATENT-CLASS-428-650 ..... c 26 N83-31795 *
US-PATENT-CLASS-428-651 ..... c 26 N87-25455 *
US-PATENT-CLASS-428-652 ..... c 34 N78-18355 *
US-PATENT-CLASS-428-652 ..... c 44 N78-19599 *
US-PATENT-CLASS-428-656 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-656 ..... c 24 N85-35233 *
US-PATENT-CLASS-428-658 ..... c 44 N80-16452 *
US-PATENT-CLASS-428-660 ..... c 26 N87-25455 *
US-PATENT-CLASS-428-660 ..... c 27 N92-29090 *
US-PATENT-CLASS-428-661 ..... c 27 N92-29090 *
US-PATENT-CLASS-428-666 ..... c 24 N90-23480 *
US-PATENT-CLASS-428-667 ..... c 34 N78-18355 *
US-PATENT-CLASS-428-667 ..... c 44 N78-19599 *
US-PATENT-CLASS-428-675 ..... c 44 N80-16452 *
US-PATENT-CLASS-428-678 ..... c 26 N81-25188 *
US-PATENT-CLASS-428-678 ..... c 27 N83-31855 *

US-PATENT-CLASS-428-678 ..... c 26 N84-33555 *
US-PATENT-CLASS-428-678 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-678 ..... c 24 N85-35233 *
US-PATENT-CLASS-428-679 ..... c 44 N78-19599 *
US-PATENT-CLASS-428-679 ..... c 26 N81-25188 *
US-PATENT-CLASS-428-679 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-679 ..... c 24 N85-35233 *
US-PATENT-CLASS-428-680 ..... c 44 N80-16452 *
US-PATENT-CLASS-428-680 ..... c 26 N81-25188 *
US-PATENT-CLASS-428-680 ..... c 26 N83-31795 *
US-PATENT-CLASS-428-680 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-680 ..... c 24 N85-35233 *
US-PATENT-CLASS-428-680 ..... c 24 N90-23480 *
US-PATENT-CLASS-428-681 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-681 ..... c 24 N85-35233 *
US-PATENT-CLASS-428-682 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-682 ..... c 24 N85-35233 *
US-PATENT-CLASS-428-683 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-684 ..... c 24 N85-21266 *
US-PATENT-CLASS-428-690 ..... c 76 N91-21911 *
US-PATENT-CLASS-428-698 ..... c 76 N85-33826 *
US-PATENT-CLASS-428-698 ..... c 26 N85-35267 *
US-PATENT-CLASS-428-698 ..... c 27 N89-29538 *
US-PATENT-CLASS-428-698 ..... c 24 N93-26100 *
US-PATENT-CLASS-428-702 ..... c 27 N86-19458 *
US-PATENT-CLASS-428-702 ..... c 27 N87-23736 *
US-PATENT-CLASS-428-704 ..... c 26 N85-35267 *
US-PATENT-CLASS-428-704 ..... c 27 N87-16909 *
US-PATENT-CLASS-428-71 ..... c 24 N78-15180 *
US-PATENT-CLASS-428-71 ..... c 03 N84-33394 *
US-PATENT-CLASS-428-71 ..... c 27 N89-12741 *
US-PATENT-CLASS-428-73 ..... c 24 N78-10214 *
US-PATENT-CLASS-428-73 ..... c 24 N78-15180 *
US-PATENT-CLASS-428-73 ..... c 24 N79-16915 *
US-PATENT-CLASS-428-74 ..... c 24 N88-18628 *
US-PATENT-CLASS-428-76 ..... c 03 N84-33394 *
US-PATENT-CLASS-428-76 ..... c 24 N88-18628 *
US-PATENT-CLASS-428-76 ..... c 27 N89-12741 *
US-PATENT-CLASS-428-77 ..... c 27 N76-14264 *
US-PATENT-CLASS-428-77 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-78 ..... c 27 N84-14323 *
US-PATENT-CLASS-428-901 ..... c 76 N90-24168 *
US-PATENT-CLASS-428-902 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-902 ..... c 24 N78-10214 *
US-PATENT-CLASS-428-902 ..... c 24 N78-17149 *
US-PATENT-CLASS-428-902 ..... c 24 N81-14000 *
US-PATENT-CLASS-428-902 ..... c 31 N81-25258 *
US-PATENT-CLASS-428-902 ..... c 27 N81-27272 *
US-PATENT-CLASS-428-902 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-902 ..... c 24 N83-33950 *
US-PATENT-CLASS-428-902 ..... c 27 N84-14322 *
US-PATENT-CLASS-428-902 ..... c 27 N84-22745 *
US-PATENT-CLASS-428-903 ..... c 24 N83-33950 *
US-PATENT-CLASS-428-911 ..... c 27 N76-16230 *
US-PATENT-CLASS-428-911 ..... c 24 N77-27188 *
US-PATENT-CLASS-428-913 ..... c 34 N78-25350 *
US-PATENT-CLASS-428-913 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-913 ..... c 76 N85-33826 *
US-PATENT-CLASS-428-913 ..... c 39 N93-29613 *
US-PATENT-CLASS-428-913 ..... c 39 N94-23308 *
US-PATENT-CLASS-428-920 ..... c 27 N76-16230 *
US-PATENT-CLASS-428-920 ..... c 27 N76-22377 *
US-PATENT-CLASS-428-920 ..... c 27 N76-23426 *
US-PATENT-CLASS-428-920 ..... c 24 N78-15180 *
US-PATENT-CLASS-428-920 ..... c 27 N78-32260 *
US-PATENT-CLASS-428-920 ..... c 27 N79-12221 *
US-PATENT-CLASS-428-920 ..... c 24 N79-25142 *
US-PATENT-CLASS-428-920 ..... c 15 N79-26100 *
US-PATENT-CLASS-428-920 ..... c 27 N81-27272 *
US-PATENT-CLASS-428-920 ..... c 27 N83-18908 *
US-PATENT-CLASS-428-920 ..... c 27 N84-14322 *
US-PATENT-CLASS-428-920 ..... c 27 N84-22745 *
US-PATENT-CLASS-428-920 ..... c 24 N88-18628 *
US-PATENT-CLASS-428-920 ..... c 24 N92-16026 *
US-PATENT-CLASS-428-921 ..... c 27 N76-16230 *
US-PATENT-CLASS-428-921 ..... c 24 N78-27180 *
US-PATENT-CLASS-428-921 ..... c 24 N81-13999 *
US-PATENT-CLASS-428-921 ..... c 03 N84-33394 *
US-PATENT-CLASS-428-921 ..... c 24 N86-28131 *
US-PATENT-CLASS-428-922 ..... c 27 N78-14164 *
US-PATENT-CLASS-428-938 ..... c 27 N82-28441 *
US-PATENT-CLASS-428-93 ..... c 34 N78-25350 *
US-PATENT-CLASS-428-941 ..... c 27 N82-28441 *
US-PATENT-CLASS-428-94 ..... c 34 N78-25350 *
US-PATENT-CLASS-428-95 ..... c 34 N78-25350 *
US-PATENT-CLASS-428-96 ..... c 34 N78-25350 *
US-PATENT-CLASS-428-97 ..... c 34 N78-25350 *
US-PATENT-CLASS-429-101 ..... c 44 N79-17313 *
US-PATENT-CLASS-429-101 ..... c 44 N79-26474 *
US-PATENT-CLASS-429-101 ..... c 33 N80-20487 *
US-PATENT-CLASS-429-103 ..... c 33 N91-14538 *
US-PATENT-CLASS-429-103 ..... c 44 N93-28974 *
US-PATENT-CLASS-429-104 ..... c 33 N91-14536 *
US-PATENT-CLASS-429-105 ..... c 44 N77-22606 *
US-PATENT-CLASS-429-105 ..... c 33 N80-20487 *
US-PATENT-CLASS-429-105 ..... c 44 N83-27344 *
US-PATENT-CLASS-429-107 ..... c 44 N77-22606 *
US-PATENT-CLASS-429-107 ..... c 33 N80-20487 *
US-PATENT-CLASS-429-107 ..... c 44 N83-27344 *
US-PATENT-CLASS-429-109 ..... c 33 N80-20487 *
US-PATENT-CLASS-429-109 ..... c 44 N83-27344 *
US-PATENT-CLASS-429-109 ..... c 44 N86-19721 *
US-PATENT-CLASS-429-111 ..... c 25 N84-12262 *
US-PATENT-CLASS-429-111 ..... c 44 N84-23019 *
US-PATENT-CLASS-429-11 ..... c 44 N92-16457 *
US-PATENT-CLASS-429-120 ..... c 44 N81-24521 *
US-PATENT-CLASS-429-120 ..... c 33 N91-14538 *
US-PATENT-CLASS-429-120 ..... c 44 N92-16457 *
US-PATENT-CLASS-429-139 ..... c 27 N80-32516 *
US-PATENT-CLASS-429-139 ..... c 27 N81-24257 *
US-PATENT-CLASS-429-13 ..... c 44 N79-10513 *
US-PATENT-CLASS-429-144 ..... c 44 N82-29708 *
US-PATENT-CLASS-429-144 ..... c 44 N83-32176 *
US-PATENT-CLASS-429-15 ..... c 44 N79-26474 *
US-PATENT-CLASS-429-15 ..... c 44 N86-19721 *
US-PATENT-CLASS-429-160 ..... c 44 N81-24521 *
US-PATENT-CLASS-429-164 ..... c 44 N81-24521 *
US-PATENT-CLASS-429-16 ..... c 44 N93-28974 *
US-PATENT-CLASS-429-190 ..... c 44 N77-22606 *
US-PATENT-CLASS-429-192 ..... c 33 N92-28753 *
US-PATENT-CLASS-429-193 ..... c 44 N82-29710 *
US-PATENT-CLASS-429-194 ..... c 33 N94-23823 *
US-PATENT-CLASS-429-194 ..... c 33 N94-29505 *
US-PATENT-CLASS-429-19 ..... c 44 N86-19721 *
US-PATENT-CLASS-429-206 ..... c 25 N83-13188 *
US-PATENT-CLASS-429-206 ..... c 33 N84-14422 *
US-PATENT-CLASS-429-206 ..... c 33 N85-29144 *
US-PATENT-CLASS-429-213 ..... c 33 N91-14536 *
US-PATENT-CLASS-429-218 ..... c 33 N94-23823 *
US-PATENT-CLASS-429-223 ..... c 26 N84-22734 *
US-PATENT-CLASS-429-223 ..... c 33 N91-27478 *
US-PATENT-CLASS-429-229 ..... c 33 N84-14422 *
US-PATENT-CLASS-429-234 ..... c 26 N84-22734 *
US-PATENT-CLASS-429-23 ..... c 44 N77-14581 *
US-PATENT-CLASS-429-249 ..... c 27 N81-24257 *
US-PATENT-CLASS-429-249 ..... c 23 N81-29160 *
US-PATENT-CLASS-429-249 ..... c 33 N85-29144 *
US-PATENT-CLASS-429-251 ..... c 44 N82-29708 *
US-PATENT-CLASS-429-251 ..... c 44 N83-32176 *
US-PATENT-CLASS-429-253 ..... c 44 N79-25481 *
US-PATENT-CLASS-429-253 ..... c 27 N81-24257 *
US-PATENT-CLASS-429-253 ..... c 23 N81-29160 *
US-PATENT-CLASS-429-253 ..... c 25 N83-13188 *
US-PATENT-CLASS-429-254 ..... c 44 N78-25530 *
US-PATENT-CLASS-429-254 ..... c 44 N82-29708 *
US-PATENT-CLASS-429-254 ..... c 44 N83-32176 *
US-PATENT-CLASS-429-27 ..... c 27 N81-24257 *
US-PATENT-CLASS-429-27 ..... c 23 N81-29160 *
US-PATENT-CLASS-429-27 ..... c 44 N86-25874 *
US-PATENT-CLASS-429-27 ..... c 44 N93-28974 *
US-PATENT-CLASS-429-28 ..... c 27 N81-24257 *
US-PATENT-CLASS-429-28 ..... c 23 N81-29160 *
US-PATENT-CLASS-429-29 ..... c 44 N93-28974 *
US-PATENT-CLASS-429-30 ..... c 44 N93-28974 *
US-PATENT-CLASS-429-33 ..... c 44 N79-17313 *
US-PATENT-CLASS-429-33 ..... c 44 N82-29710 *
US-PATENT-CLASS-429-34 ..... c 44 N77-14581 *
US-PATENT-CLASS-429-34 ..... c 44 N83-27344 *
US-PATENT-CLASS-429-40 ..... c 44 N82-29710 *
US-PATENT-CLASS-429-40 ..... c 44 N83-27344 *
US-PATENT-CLASS-429-41 ..... c 44 N79-10513 *
US-PATENT-CLASS-429-42 ..... c 44 N79-10513 *
US-PATENT-CLASS-429-44 ..... c 44 N84-28205 *
US-PATENT-CLASS-429-46 ..... c 44 N93-28974 *
US-PATENT-CLASS-429-51 ..... c 44 N86-19721 *
US-PATENT-CLASS-429-57 ..... c 44 N86-25874 *
US-PATENT-CLASS-429-58 ..... c 35 N85-21596 *
US-PATENT-CLASS-429-91 ..... c 33 N94-23823 *
US-PATENT-CLASS-429-94 ..... c 44 N81-24521 *
US-PATENT-CLASS-430-17 ..... c 35 N82-11432 *
US-PATENT-CLASS-430-271 ..... c 27 N81-25209 *
US-PATENT-CLASS-430-325 ..... c 27 N81-25209 *
US-PATENT-CLASS-430-329 ..... c 27 N81-25209 *
US-PATENT-CLASS-430-330 ..... c 27 N81-25209 *
US-PATENT-CLASS-430-372 ..... c 35 N82-11432 *
US-PATENT-CLASS-431-10 ..... c 34 N78-27357 *
US-PATENT-CLASS-431-10 ..... c 25 N79-11151 *
US-PATENT-CLASS-431-116 ..... c 44 N77-10636 *
US-PATENT-CLASS-431-11 ..... c 44 N77-10636 *
US-PATENT-CLASS-431-13 ..... c 25 N88-29002 *
US-PATENT-CLASS-431-158 ..... c 25 N78-10224 *
US-PATENT-CLASS-431-162 ..... c 44 N77-10636 *
US-PATENT-CLASS-431-163 ..... c 44 N76-29704 *
US-PATENT-CLASS-431-170 ..... c 44 N77-10636 *
US-PATENT-CLASS-431-173 ..... c 23 N73-30665 *
US-PATENT-CLASS-431-1 ..... c 25 N84-16276 *
US-PATENT-CLASS-431-202 ..... c 25 N74-33378 *
US-PATENT-CLASS-431-208 ..... c 25 N79-11151 *
US-PATENT-CLASS-431-210 ..... c 44 N76-29704 *
US-PATENT-CLASS-431-2 ..... c 07 N81-29129 *
US-PATENT-CLASS-431-328 ..... c 34 N78-27357 *
US-PATENT-CLASS-431-352 ..... c 28 N71-28915 *
US-PATENT-CLASS-431-352 ..... c 25 N78-10224 *
US-PATENT-CLASS-431-352 ..... c 25 N90-11824 *
US-PATENT-CLASS-431-41 ..... c 44 N77-10636 *
US-PATENT-CLASS-431-4 ..... c 44 N76-29704 *
US-PATENT-CLASS-431-76 ..... c 25 N88-29002 *
US-PATENT-CLASS-431-7 ..... c 34 N78-27357 *
US-PATENT-CLASS-431-9 ..... c 23 N73-30665 *
US-PATENT-CLASS-432-18 ..... c 35 N86-20750 *
US-PATENT-CLASS-432-223 ..... c 25 N79-11151 *
US-PATENT-CLASS-432-227 ..... c 35 N83-24828 *
US-PATENT-CLASS-432-264 ..... c 33 N81-19389 *
US-PATENT-CLASS-432-29 ..... c 25 N79-11151 *
US-PATENT-CLASS-432-58 ..... c 35 N83-24828 *
US-PATENT-CLASS-433-118 ..... c 52 N82-29862 *
US-PATENT-CLASS-433-125 ..... c 52 N82-29862 *
US-PATENT-CLASS-433-86 ..... c 52 N82-29862 *
US-PATENT-CLASS-434-114 ..... c 82 N87-29372 *
US-PATENT-CLASS-434-242 ..... c 09 N85-19990 *
US-PATENT-CLASS-434-243 ..... c 09 N85-19990 *
US-PATENT-CLASS-434-2 ..... c 32 N84-27951 *
US-PATENT-CLASS-434-34 ..... c 14 N87-25344 *
US-PATENT-CLASS-434-34 ..... c 14 N93-24598 *
US-PATENT-CLASS-434-34 ..... c 14 N94-20339 *
US-PATENT-CLASS-434-35 ..... c 09 N85-19990 *
US-PATENT-CLASS-434-38 ..... c 36 N83-34304 *
US-PATENT-CLASS-434-403 ..... c 31 N83-34073 *
US-PATENT-CLASS-434-42 ..... c 09 N82-24212 *
US-PATENT-CLASS-434-43 ..... c 09 N82-24212 *
US-PATENT-CLASS-434-49 ..... c 09 N85-19990 *
US-PATENT-CLASS-434-4 ..... c 36 N83-34304 *
US-PATENT-CLASS-434-4 ..... c 35 N86-32697 *
US-PATENT-CLASS-434-59 ..... c 54 N81-27806 *
US-PATENT-CLASS-434-88 ..... c 31 N83-34073 *
US-PATENT-CLASS-435-160 ..... c 23 N85-35227 *
US-PATENT-CLASS-435-1 ..... c 51 N94-35232 *
US-PATENT-CLASS-435-240.240 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-240.241 ..... c 51 N93-10110 *
US-PATENT-CLASS-435-240.24 .. c 51 N92-34229 *
US-PATENT-CLASS-435-240.24 .. c 51 N92-34231 *
US-PATENT-CLASS-435-240.24 .. c 51 N93-10109 *
US-PATENT-CLASS-435-240.24 .. c 51 N93-10110 *
US-PATENT-CLASS-435-240.24 .. c 51 N94-35232 *
US-PATENT-CLASS-435-240.24 .. c 51 N94-35366 *
US-PATENT-CLASS-435-240.25 .. c 51 N92-34229 *
US-PATENT-CLASS-435-240.25 .. c 51 N92-34231 *
US-PATENT-CLASS-435-240.25 .. c 51 N93-10109 *
US-PATENT-CLASS-435-240.25 .. c 51 N93-10110 *
US-PATENT-CLASS-435-240.25 .. c 51 N94-35232 *
US-PATENT-CLASS-435-240.25 .. c 51 N94-35366 *
US-PATENT-CLASS-435-240.2 .... c 51 N94-35232 *
US-PATENT-CLASS-435-240.46 .. c 51 N93-10109 *
US-PATENT-CLASS-435-240.46 .. c 51 N93-10110 *
US-PATENT-CLASS-435-284 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-284 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-285 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-285 ..... c 51 N91-30667 *
US-PATENT-CLASS-435-286 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-286 ..... c 51 N91-21701 *
US-PATENT-CLASS-435-286 ..... c 51 N91-30667 *
US-PATENT-CLASS-435-286 ..... c 35 N92-31790 *
US-PATENT-CLASS-435-286 ..... c 51 N92-34229 *
US-PATENT-CLASS-435-286 ..... c 51 N92-34231 *
US-PATENT-CLASS-435-286 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-286 ..... c 51 N94-35366 *
US-PATENT-CLASS-435-289 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-289 ..... c 51 N83-27569 *
US-PATENT-CLASS-435-289 ..... c 51 N91-21701 *
US-PATENT-CLASS-435-290 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-291 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-291 ..... c 51 N81-28698 *
US-PATENT-CLASS-435-291 ..... c 35 N82-28604 *
US-PATENT-CLASS-435-291 ..... c 51 N83-27569 *
US-PATENT-CLASS-435-292 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-296 ..... c 51 N94-35366 *
US-PATENT-CLASS-435-30 ..... c 51 N91-31755 *
US-PATENT-CLASS-435-311 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-311 ..... c 51 N91-14703 *
US-PATENT-CLASS-435-311 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-311 ..... c 51 N91-21701 *
US-PATENT-CLASS-435-311 ..... c 35 N92-31790 *
US-PATENT-CLASS-435-311 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-312 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-312 ..... c 51 N91-30667 *
US-PATENT-CLASS-435-312 ..... c 35 N92-31790 *
US-PATENT-CLASS-435-312 ..... c 51 N92-34231 *
US-PATENT-CLASS-435-312 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-312 ..... c 51 N94-35366 *
US-PATENT-CLASS-435-313 ..... c 51 N91-30667 *
US-PATENT-CLASS-435-313 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-313 ..... c 51 N94-35366 *
US-PATENT-CLASS-435-315 ..... c 51 N91-21701 *
US-PATENT-CLASS-435-315 ..... c 51 N92-34232 *
US-PATENT-CLASS-435-316 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-316 ..... c 51 N91-14703 *
US-PATENT-CLASS-435-316 ..... c 51 N91-21700 *
US-PATENT-CLASS-435-316 ..... c 51 N91-21701 *

US-PATENT-CLASS-435-32 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-34 ..... c 51 N80-16714 *
US-PATENT-CLASS-435-34 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-34 ..... c 51 N81-28698 *
US-PATENT-CLASS-435-34 ..... c 35 N82-28604 *
US-PATENT-CLASS-435-34 ..... c 51 N83-27569 *
US-PATENT-CLASS-435-34 ..... c 51 N83-28849 *
US-PATENT-CLASS-435-38 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-38 ..... c 51 N83-27569 *
US-PATENT-CLASS-435-38 ..... c 51 N83-28849 *
US-PATENT-CLASS-435-39 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-39 ..... c 35 N82-28604 *
US-PATENT-CLASS-435-39 ..... c 51 N83-27569 *
US-PATENT-CLASS-435-39 ..... c 51 N83-28849 *
US-PATENT-CLASS-435-3 ..... c 51 N80-27067 *
US-PATENT-CLASS-435-3 ..... c 51 N83-27569 *
US-PATENT-CLASS-435-3 ..... c 51 N83-28849 *
US-PATENT-CLASS-435-3 ..... c 51 N92-34229 *
US-PATENT-CLASS-435-3 ..... c 51 N92-34231 *
US-PATENT-CLASS-435-5 ..... c 51 N81-28698 *
US-PATENT-CLASS-435-7.32 ..... c 51 N93-25994 *
US-PATENT-CLASS-435-7.92 ..... c 51 N93-25994 *
US-PATENT-CLASS-435-807 ..... c 51 N83-28849 *
US-PATENT-CLASS-435-818 ..... c 51 N91-30667 *
US-PATENT-CLASS-435-818 ..... c 51 N93-10110 *
US-PATENT-CLASS-435-818 ..... c 51 N94-35366 *
US-PATENT-CLASS-435-842 ..... c 23 N85-35227 *
US-PATENT-CLASS-435-874 ..... c 51 N93-25994 *
US-PATENT-CLASS-435-8 ..... c 51 N83-27569 *
US-PATENT-CLASS-436-117 ..... c 35 N93-17626 *
US-PATENT-CLASS-436-137 ..... c 35 N90-22025 *
US-PATENT-CLASS-436-143 ..... c 35 N90-22025 *
US-PATENT-CLASS-436-155 ..... c 25 N86-19413 *
US-PATENT-CLASS-436-2 ..... c 35 N85-29213 *
US-PATENT-CLASS-436-518 ..... c 51 N93-25994 *
US-PATENT-CLASS-436-52 ..... c 35 N93-17626 *
US-PATENT-CLASS-436-55 ..... c 35 N90-22025 *
US-PATENT-CLASS-436-9 ..... c 35 N93-17626 *
US-PATENT-CLASS-437-105 ..... c 76 N92-22035 *
US-PATENT-CLASS-437-105 ..... c 76 N94-23972 *
US-PATENT-CLASS-437-107 ..... c 76 N92-22035 *
US-PATENT-CLASS-437-128 ..... c 76 N88-14836 *
US-PATENT-CLASS-437-131 ..... c 76 N88-14836 *
US-PATENT-CLASS-437-133 ..... c 76 N92-22035 *
US-PATENT-CLASS-437-187 ..... c 76 N91-28014 *
US-PATENT-CLASS-437-195 ..... c 33 N94-10656 *
US-PATENT-CLASS-437-197 ..... c 76 N91-28014 *
US-PATENT-CLASS-437-199 ..... c 76 N91-28014 *
US-PATENT-CLASS-437-200 ..... c 24 N92-18561 *
US-PATENT-CLASS-437-200 ..... c 76 N94-23972 *
US-PATENT-CLASS-437-203 ..... c 33 N94-10656 *
US-PATENT-CLASS-437-225 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-228 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-229 ..... c 25 N91-31258 *
US-PATENT-CLASS-437-234 ..... c 33 N94-10656 *
US-PATENT-CLASS-437-235 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-238 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-239 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-247 ..... c 76 N91-28014 *
US-PATENT-CLASS-437-248 ..... c 76 N91-28014 *
US-PATENT-CLASS-437-2 ..... c 44 N91-27614 *
US-PATENT-CLASS-437-3 ..... c 76 N88-14836 *
US-PATENT-CLASS-437-3 ..... c 33 N94-10656 *
US-PATENT-CLASS-437-40 ..... c 24 N92-18561 *
US-PATENT-CLASS-437-5 ..... c 33 N94-10656 *
US-PATENT-CLASS-437-5 ..... c 44 N94-35230 *
US-PATENT-CLASS-437-7 ..... c 76 N88-14836 *
US-PATENT-CLASS-437-85 ..... c 76 N92-22035 *
US-PATENT-CLASS-437-8 ..... c 76 N88-14836 *
US-PATENT-CLASS-437-903 ..... c 76 N90-19884 *
US-PATENT-CLASS-437-907 ..... c 24 N92-18561 *
US-PATENT-CLASS-437-930 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-935 ..... c 24 N92-18561 *
US-PATENT-CLASS-437-936 ..... c 72 N91-14813 *
US-PATENT-CLASS-437-936 ..... c 76 N92-22035 *
US-PATENT-CLASS-437-942 ..... c 24 N92-18561 *
US-PATENT-CLASS-437-945 ..... c 76 N92-22035 *
US-PATENT-CLASS-437-969 ..... c 76 N88-14836 *
US-PATENT-CLASS-437-973 ..... c 24 N92-18561 *
US-PATENT-CLASS-439-131 ..... c 37 N93-14712 *
US-PATENT-CLASS-439-139 ..... c 37 N93-14712 *
US-PATENT-CLASS-439-158 ..... c 37 N94-35375 *
US-PATENT-CLASS-439-271 ..... c 33 N88-14270 *
US-PATENT-CLASS-439-310 ..... c 37 N93-14712 *
US-PATENT-CLASS-439-362 ..... c 37 N94-20126 *
US-PATENT-CLASS-439-362 ..... c 37 N94-23078 *
US-PATENT-CLASS-439-578 ..... c 33 N88-14270 *
US-PATENT-CLASS-44-1-SR ..... c 25 N85-35253 *
US-PATENT-CLASS-44-1R ..... c 44 N78-31527 *
US-PATENT-CLASS-44-1R ..... c 25 N81-33246 *
US-PATENT-CLASS-44-1SR ..... c 25 N82-29371 *
US-PATENT-CLASS-44-1SR ..... c 25 N83-31743 *
US-PATENT-CLASS-44-2 ..... c 44 N78-31527 *
US-PATENT-CLASS-44-2 ..... c 25 N81-33246 *
US-PATENT-CLASS-44-50 ..... c 27 N81-17261 *
US-PATENT-CLASS-44-51 ..... c 25 N79-11152 *
US-PATENT-CLASS-44-62 ..... c 27 N81-17261 *
US-PATENT-CLASS-44-7R ..... c 28 N81-14103 *
US-PATENT-CLASS-44-77 ..... c 06 N71-23499 *
US-PATENT-CLASS-441-83 ..... c 03 N91-31113 *
US-PATENT-CLASS-445-35 ..... c 37 N85-33489 *
US-PATENT-CLASS-455-102 ..... c 33 N81-15192 *
US-PATENT-CLASS-455-102 ..... c 33 N91-31530 *
US-PATENT-CLASS-455-115 ..... c 32 N89-14374 *
US-PATENT-CLASS-455-117 ..... c 32 N89-14374 *
US-PATENT-CLASS-455-137 ..... c 35 N82-15381 *
US-PATENT-CLASS-455-139 ..... c 35 N82-15381 *
US-PATENT-CLASS-455-1 ..... c 33 N91-31530 *
US-PATENT-CLASS-455-202 ..... c 33 N82-29539 *
US-PATENT-CLASS-455-202 ..... c 32 N84-27952 *
US-PATENT-CLASS-455-208 ..... c 33 N82-29539 *
US-PATENT-CLASS-455-208 ..... c 32 N84-27952 *
US-PATENT-CLASS-455-234 ..... c 33 N82-29539 *
US-PATENT-CLASS-455-260 ..... c 32 N84-27952 *
US-PATENT-CLASS-455-265 ..... c 32 N84-27952 *
US-PATENT-CLASS-455-278 ..... c 32 N81-29308 *
US-PATENT-CLASS-455-291 ..... c 32 N94-35231 *
US-PATENT-CLASS-455-306 ..... c 33 N82-29539 *
US-PATENT-CLASS-455-51 ..... c 32 N81-14186 *
US-PATENT-CLASS-455-605 ..... c 74 N91-27957 *
US-PATENT-CLASS-455-608 ..... c 32 N87-21207 *
US-PATENT-CLASS-455-60 ..... c 35 N82-15381 *
US-PATENT-CLASS-455-610 ..... c 74 N82-19029 *
US-PATENT-CLASS-455-612 ..... c 74 N82-19029 *
US-PATENT-CLASS-455-612 ..... c 74 N83-29032 *
US-PATENT-CLASS-455-615 ..... c 74 N82-19029 *
US-PATENT-CLASS-455-617 ..... c 74 N82-19029 *
US-PATENT-CLASS-455-619 ..... c 32 N81-14186 *
US-PATENT-CLASS-455-65 ..... c 32 N87-25511 *
US-PATENT-CLASS-455-67 ..... c 32 N89-14374 *
US-PATENT-CLASS-455-71 ..... c 32 N81-14186 *
US-PATENT-CLASS-455-73 ..... c 32 N85-29118 *
US-PATENT-CLASS-455-98 ..... c 32 N89-14374 *
US-PATENT-CLASS-455-99 ..... c 33 N91-31530 *
US-PATENT-CLASS-464-132 ..... c 37 N91-17387 *
US-PATENT-CLASS-464-56 ..... c 37 N91-17387 *
US-PATENT-CLASS-464-56 ..... c 37 N91-17388 *
US-PATENT-CLASS-467-28 ..... c 39 N80-10507 *
US-PATENT-CLASS-47-1.2 ..... c 51 N75-25503 *
US-PATENT-CLASS-47-1.4 ..... c 31 N73-32750 *
US-PATENT-CLASS-47-1.4 ..... c 54 N91-31803 * #
US-PATENT-CLASS-47-17 ..... c 31 N73-32750 *
US-PATENT-CLASS-47-26 ..... c 37 N83-26078 *
US-PATENT-CLASS-47-39 ..... c 51 N75-25503 *
US-PATENT-CLASS-47-58 ..... c 51 N75-25503 *
US-PATENT-CLASS-47-58 ..... c 51 N83-17045 *
US-PATENT-CLASS-47-58 ..... c 45 N84-12654 *
US-PATENT-CLASS-47-62 ..... c 54 N91-31803 * #
US-PATENT-CLASS-474-205 ..... c 37 N80-32717 *
US-PATENT-CLASS-474-220 ..... c 37 N87-17034 *
US-PATENT-CLASS-48-DIG.8 ..... c 28 N80-10374 *
US-PATENT-CLASS-48-10-3 ..... c 28 N80-10374 *
US-PATENT-CLASS-48-102A ..... c 28 N80-10374 *
US-PATENT-CLASS-48-107 ..... c 28 N80-10374 *
US-PATENT-CLASS-48-116 ..... c 44 N76-18642 *
US-PATENT-CLASS-48-116 ..... c 44 N77-10636 *
US-PATENT-CLASS-48-117 ..... c 44 N76-18642 *
US-PATENT-CLASS-48-117 ..... c 44 N77-10636 *
US-PATENT-CLASS-48-117 ..... c 28 N80-10374 *
US-PATENT-CLASS-48-197R-R ..... c 25 N86-25428 *
US-PATENT-CLASS-48-197R ..... c 44 N76-29704 *
US-PATENT-CLASS-48-197R ..... c 44 N77-10636 *
US-PATENT-CLASS-48-197R ..... c 28 N91-14495 *
US-PATENT-CLASS-48-203 ..... c 28 N91-14495 *
US-PATENT-CLASS-48-212 ..... c 44 N77-10636 *
US-PATENT-CLASS-48-215 ..... c 44 N76-29700 *
US-PATENT-CLASS-48-61 ..... c 44 N77-10636 *
US-PATENT-CLASS-48-61 ..... c 28 N80-10374 *
US-PATENT-CLASS-48-63 ..... c 44 N76-18642 *
US-PATENT-CLASS-48-75 ..... c 44 N76-18642 *
US-PATENT-CLASS-48-77 ..... c 28 N91-14495 *
US-PATENT-CLASS-48-89 ..... c 44 N82-16475 *
US-PATENT-CLASS-48-95 ..... c 44 N76-18642 *
US-PATENT-CLASS-48-95 ..... c 44 N76-29700 *
US-PATENT-CLASS-48-99 ..... c 44 N82-16475 *
US-PATENT-CLASS-482-54 ..... c 54 N94-20194 *
US-PATENT-CLASS-482-68 ..... c 52 N93-14708 *
US-PATENT-CLASS-482-69 ..... c 52 N93-14708 *
US-PATENT-CLASS-482-8 ..... c 54 N94-20194 *
US-PATENT-CLASS-483-16 ..... c 37 N93-29505 *
US-PATENT-CLASS-483-901 ..... c 37 N93-29505 *
US-PATENT-CLASS-49-DIG.1 ..... c 34 N78-25350 *
US-PATENT-CLASS-49-171 ..... c 31 N81-19343 *
US-PATENT-CLASS-49-253 ..... c 18 N90-19278 *
US-PATENT-CLASS-49-479 ..... c 34 N78-25350 *
US-PATENT-CLASS-49-485 ..... c 34 N78-25350 *
US-PATENT-CLASS-49-68 ..... c 18 N74-22136 *
US-PATENT-CLASS-5-345 ..... c 05 N70-33285 *
US-PATENT-CLASS-5-459 ..... c 03 N84-33394 *
US-PATENT-CLASS-5-69 ..... c 05 N72-11085 *
US-PATENT-CLASS-5-81-R ..... c 85 N87-21755 *
US-PATENT-CLASS-5-82 ..... c 05 N71-23159 *
US-PATENT-CLASS-501-123 ..... c 27 N92-16122 *
US-PATENT-CLASS-501-127 ..... c 27 N92-16122 *
US-PATENT-CLASS-501-32 ..... c 24 N93-26100 *
US-PATENT-CLASS-501-32 ..... c 24 N94-29508 *
US-PATENT-CLASS-501-39 ..... c 24 N92-16026 *
US-PATENT-CLASS-501-54 ..... c 24 N92-16026 *
US-PATENT-CLASS-501-88 ..... c 27 N88-29040 *
US-PATENT-CLASS-501-88 ..... c 27 N90-21177 *
US-PATENT-CLASS-501-89 ..... c 24 N93-26100 *
US-PATENT-CLASS-501-8 ..... c 24 N93-26100 *
US-PATENT-CLASS-501-8 ..... c 24 N94-29508 *
US-PATENT-CLASS-501-90 ..... c 27 N94-23311 *
US-PATENT-CLASS-501-91 ..... c 27 N88-29040 *
US-PATENT-CLASS-501-91 ..... c 27 N90-21177 *
US-PATENT-CLASS-501-92 ..... c 27 N88-29040 *
US-PATENT-CLASS-501-92 ..... c 27 N90-21177 *
US-PATENT-CLASS-501-92 ..... c 27 N92-34160 *
US-PATENT-CLASS-501-92 ..... c 27 N94-23311 *
US-PATENT-CLASS-501-93 ..... c 27 N88-29040 *
US-PATENT-CLASS-501-93 ..... c 27 N92-34160 *
US-PATENT-CLASS-501-95 ..... c 24 N93-26100 *
US-PATENT-CLASS-501-95 ..... c 27 N94-23311 *
US-PATENT-CLASS-501-95 ..... c 24 N94-29508 *
US-PATENT-CLASS-501-96 ..... c 27 N92-34160 *
US-PATENT-CLASS-501-96 ..... c 27 N94-20529 *
US-PATENT-CLASS-501-97 ..... c 27 N92-34160 *
US-PATENT-CLASS-501-97 ..... c 27 N94-20529 *
US-PATENT-CLASS-502-217 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-218 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-226 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-239 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-241 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-245 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-258 ..... c 25 N94-35229 *
US-PATENT-CLASS-502-259 ..... c 25 N94-35229 *
US-PATENT-CLASS-502-260 ..... c 25 N94-35229 *
US-PATENT-CLASS-502-324 ..... c 25 N90-23517 *
US-PATENT-CLASS-502-324 ..... c 25 N91-21270 *
US-PATENT-CLASS-502-325 ..... c 25 N90-20180 *
US-PATENT-CLASS-502-332 ..... c 25 N94-35229 *
US-PATENT-CLASS-502-335 ..... c 25 N94-35229 *
US-PATENT-CLASS-502-339 ..... c 25 N90-20154 *
US-PATENT-CLASS-502-339 ..... c 25 N90-20180 *
US-PATENT-CLASS-502-344 ..... c 25 N90-20180 *
US-PATENT-CLASS-502-34 ..... c 25 N91-21270 *
US-PATENT-CLASS-502-352 ..... c 25 N90-20154 *
US-PATENT-CLASS-502-38 ..... c 25 N90-20154 *
US-PATENT-CLASS-502-53 ..... c 25 N90-20154 *
US-PATENT-CLASS-502-66 ..... c 25 N94-35255 *
US-PATENT-CLASS-502-73 ..... c 25 N92-10073 *
US-PATENT-CLASS-502-74 ..... c 25 N94-35255 *
US-PATENT-CLASS-505-190 ..... c 76 N94-29501 *
US-PATENT-CLASS-505-1 ..... c 33 N91-31529 *
US-PATENT-CLASS-505-1 ..... c 76 N92-10681 *
US-PATENT-CLASS-505-1 ..... c 14 N92-15081 *
US-PATENT-CLASS-505-1 ..... c 74 N92-28571 *
US-PATENT-CLASS-505-701 ..... c 33 N91-31529 *
US-PATENT-CLASS-505-702 ..... c 33 N91-31529 *
US-PATENT-CLASS-505-702 ..... c 76 N94-29501 *
US-PATENT-CLASS-505-703 ..... c 33 N91-31529 *
US-PATENT-CLASS-505-703 ..... c 74 N92-28571 *
US-PATENT-CLASS-505-704 ..... c 33 N91-31529 *
US-PATENT-CLASS-505-728 ..... c 76 N92-10681 *
US-PATENT-CLASS-505-785 ..... c 76 N94-29501 *
US-PATENT-CLASS-505-848 ..... c 74 N92-28571 *
US-PATENT-CLASS-505-862 ..... c 76 N92-22041 *
US-PATENT-CLASS-505-866 ..... c 74 N92-28571 *
US-PATENT-CLASS-505-871 ..... c 76 N92-22041 *
US-PATENT-CLASS-505-876 ..... c 37 N92-29099 *
US-PATENT-CLASS-51-170 ..... c 15 N71-26134 *
US-PATENT-CLASS-51-216 ..... c 15 N72-20444 *
US-PATENT-CLASS-51-225 ..... c 37 N74-27905 *
US-PATENT-CLASS-51-234 ..... c 37 N74-27905 *
US-PATENT-CLASS-51-235 ..... c 37 N78-17383 *
US-PATENT-CLASS-51-235 ..... c 76 N80-18951 *
US-PATENT-CLASS-51-277 ..... c 74 N80-24149 *
US-PATENT-CLASS-51-281-R ..... c 31 N87-25491 *
US-PATENT-CLASS-51-283R ..... c 74 N80-24149 *
US-PATENT-CLASS-51-283 ..... c 46 N74-23069 *
US-PATENT-CLASS-51-320 ..... c 15 N72-20444 *
US-PATENT-CLASS-51-323 ..... c 15 N72-20444 *
US-PATENT-CLASS-51-57 ..... c 15 N71-22705 *
US-PATENT-CLASS-51-73R ..... c 37 N85-21650 *
US-PATENT-CLASS-51-97R ..... c 37 N74-27905 *
US-PATENT-CLASS-52-DIG.10 ..... c 18 N72-25540 *
US-PATENT-CLASS-52-DIG.10 ..... c 18 N72-25541 *
US-PATENT-CLASS-52-108 ..... c 15 N72-18477 *
US-PATENT-CLASS-52-108 ..... c 31 N81-27323 *
US-PATENT-CLASS-52-108 ..... c 31 N87-25492 *
US-PATENT-CLASS-52-109 ..... c 31 N73-32749 *
US-PATENT-CLASS-52-110 ..... c 37 N86-25791 *
US-PATENT-CLASS-52-111 ..... c 31 N81-27324 *
US-PATENT-CLASS-52-111 ..... c 37 N86-25789 *
US-PATENT-CLASS-52-111 ..... c 37 N86-32737 *
US-PATENT-CLASS-52-117 ..... c 44 N77-32582 *
US-PATENT-CLASS-52-126.5 ..... c 31 N87-16918 *

US-PATENT-CLASS-52-127.7 ..... c 37 N85-30335 *
US-PATENT-CLASS-52-127 ..... c 15 N71-21531 *
US-PATENT-CLASS-52-144 ..... c 71 N91-27913 *
US-PATENT-CLASS-52-169 ..... c 15 N72-25454 *
US-PATENT-CLASS-52-171 ..... c 11 N73-12265 *
US-PATENT-CLASS-52-171 ..... c 74 N85-29750 *
US-PATENT-CLASS-52-173R ..... c 44 N77-31601 *
US-PATENT-CLASS-52-173 ..... c 15 N72-25454 *
US-PATENT-CLASS-52-1 ..... c 15 N72-28496 *
US-PATENT-CLASS-52-232 ..... c 37 N81-14317 *
US-PATENT-CLASS-52-236 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-249 ..... c 33 N71-25351 *
US-PATENT-CLASS-52-272 ..... c 31 N71-24035 *
US-PATENT-CLASS-52-284 ..... c 32 N73-13921 *
US-PATENT-CLASS-52-2 ..... c 32 N71-21045 *
US-PATENT-CLASS-52-2 ..... c 44 N77-32583 *
US-PATENT-CLASS-52-309.15 .... c 31 N87-16918 *
US-PATENT-CLASS-52-309.1 ..... c 31 N81-25258 *
US-PATENT-CLASS-52-391 ..... c 31 N87-16918 *
US-PATENT-CLASS-52-3 ..... c 31 N71-16080 *
US-PATENT-CLASS-52-404 ..... c 33 N71-25351 *
US-PATENT-CLASS-52-404 ..... c 16 N84-22601 *
US-PATENT-CLASS-52-465 ..... c 37 N93-20117 *
US-PATENT-CLASS-52-506 ..... c 16 N84-22601 *
US-PATENT-CLASS-52-506 ..... c 37 N85-30335 *
US-PATENT-CLASS-52-511 ..... c 31 N87-16918 *
US-PATENT-CLASS-52-514 ..... c 18 N94-23824 *
US-PATENT-CLASS-52-51 ..... c 44 N77-31601 *
US-PATENT-CLASS-52-573 ..... c 15 N72-28496 *
US-PATENT-CLASS-52-573 ..... c 18 N89-28554 *
US-PATENT-CLASS-52-594 ..... c 15 N72-25454 *
US-PATENT-CLASS-52-594 ..... c 32 N73-13921 *
US-PATENT-CLASS-52-632 ..... c 31 N81-27324 *
US-PATENT-CLASS-52-632 ..... c 31 N86-19479 *
US-PATENT-CLASS-52-632 ..... c 37 N86-32737 *
US-PATENT-CLASS-52-632 ..... c 31 N87-25492 *
US-PATENT-CLASS-52-637 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-637 ..... c 31 N86-19479 *
US-PATENT-CLASS-52-645 ..... c 31 N81-25259 *
US-PATENT-CLASS-52-645 ..... c 37 N86-25789 *
US-PATENT-CLASS-52-645 ..... c 37 N86-32737 *
US-PATENT-CLASS-52-646 ..... c 31 N73-32749 *
US-PATENT-CLASS-52-646 ..... c 31 N86-19479 *
US-PATENT-CLASS-52-646 ..... c 37 N86-32737 *
US-PATENT-CLASS-52-646 ..... c 31 N87-25492 *
US-PATENT-CLASS-52-646 ..... c 18 N88-28958 *
US-PATENT-CLASS-52-646 ..... c 37 N88-29180 *
US-PATENT-CLASS-52-646 ..... c 18 N91-21221 *
US-PATENT-CLASS-52-646 ..... c 18 N91-27199 *
US-PATENT-CLASS-52-648 ..... c 11 N72-25287 *
US-PATENT-CLASS-52-648 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-648 ..... c 31 N81-25258 *
US-PATENT-CLASS-52-648 ..... c 31 N86-19479 *
US-PATENT-CLASS-52-648 ..... c 37 N86-25789 *
US-PATENT-CLASS-52-648 ..... c 18 N88-28958 *
US-PATENT-CLASS-52-648 ..... c 37 N88-29180 *
US-PATENT-CLASS-52-648 ..... c 18 N89-28554 *
US-PATENT-CLASS-52-64 ..... c 31 N73-32749 *
US-PATENT-CLASS-52-651 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-655 ..... c 11 N72-25287 *
US-PATENT-CLASS-52-705 ..... c 37 N76-19437 *
US-PATENT-CLASS-52-71 ..... c 18 N75-27040 *
US-PATENT-CLASS-52-726 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-726 ..... c 31 N81-25258 *
US-PATENT-CLASS-52-743 ..... c 37 N81-14317 *
US-PATENT-CLASS-52-745 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-745 ..... c 31 N81-27323 *
US-PATENT-CLASS-52-745 ..... c 37 N85-30335 *
US-PATENT-CLASS-52-749 ..... c 39 N76-31562 *
US-PATENT-CLASS-52-758F ..... c 37 N76-19437 *
US-PATENT-CLASS-52-806 ..... c 24 N84-11214 *
US-PATENT-CLASS-52-808 ..... c 24 N84-11214 *
US-PATENT-CLASS-52-80 ..... c 18 N72-25540 *
US-PATENT-CLASS-52-80 ..... c 18 N72-25541 *
US-PATENT-CLASS-52-80 ..... c 31 N73-32749 *
US-PATENT-CLASS-52-814 ..... c 18 N84-33450 *
US-PATENT-CLASS-52-814 ..... c 31 N87-16918 *
US-PATENT-CLASS-52-814 ..... c 31 N89-12786 *
US-PATENT-CLASS-52-81 ..... c 37 N82-32732 *
US-PATENT-CLASS-52-821 ..... c 31 N89-12786 *
US-PATENT-CLASS-521-109.1 .... c 27 N92-16123 *
US-PATENT-CLASS-521-124 ..... c 25 N80-16116 *
US-PATENT-CLASS-521-125 ..... c 25 N80-16116 *
US-PATENT-CLASS-521-127 ..... c 25 N80-16116 *
US-PATENT-CLASS-521-135 ..... c 27 N92-16123 *
US-PATENT-CLASS-521-136 ..... c 27 N92-16123 *
US-PATENT-CLASS-521-141 ..... c 51 N84-28361 *
US-PATENT-CLASS-521-142 ..... c 51 N84-28361 *
US-PATENT-CLASS-521-145 ..... c 27 N90-16949 *
US-PATENT-CLASS-521-146 ..... c 25 N80-23383 *
US-PATENT-CLASS-521-149 ..... c 51 N84-28361 *
US-PATENT-CLASS-521-157 ..... c 25 N80-16116 *
US-PATENT-CLASS-521-178 ..... c 27 N90-16949 *
US-PATENT-CLASS-521-178 ..... c 27 N92-16123 *
US-PATENT-CLASS-521-189 ..... c 27 N90-16949 *
US-PATENT-CLASS-521-27 ..... c 27 N81-14076 *
US-PATENT-CLASS-521-32 ..... c 27 N81-14076 *
US-PATENT-CLASS-521-54 ..... c 27 N92-16123 *
US-PATENT-CLASS-521-55 ..... c 25 N80-23383 *
US-PATENT-CLASS-521-62 ..... c 27 N81-14076 *
US-PATENT-CLASS-521-82 ..... c 27 N90-16949 *
US-PATENT-CLASS-521-84.1 ..... c 27 N92-16123 *
US-PATENT-CLASS-521-907 ..... c 27 N92-16123 *
US-PATENT-CLASS-521-918 ..... c 25 N80-23383 *
US-PATENT-CLASS-521-97 ..... c 27 N90-16949 *
US-PATENT-CLASS-521-98 ..... c 27 N90-16949 *
US-PATENT-CLASS-522-162 ..... c 27 N90-21198 *
US-PATENT-CLASS-522-165 ..... c 27 N90-21198 *
US-PATENT-CLASS-523-135 ..... c 27 N85-29044 *
US-PATENT-CLASS-523-205 ..... c 27 N83-19900 *
US-PATENT-CLASS-523-433 ..... c 24 N86-19380 *
US-PATENT-CLASS-523-434 ..... c 27 N86-27451 *
US-PATENT-CLASS-523-435 ..... c 24 N84-11213 *
US-PATENT-CLASS-523-440 ..... c 27 N83-34043 *
US-PATENT-CLASS-523-443 ..... c 27 N83-34043 *
US-PATENT-CLASS-523-445 ..... c 24 N86-19380 *
US-PATENT-CLASS-523-445 ..... c 27 N86-27451 *
US-PATENT-CLASS-523-454 ..... c 24 N84-34571 *
US-PATENT-CLASS-523-454 ..... c 27 N85-34282 *
US-PATENT-CLASS-523-456 ..... c 24 N84-11213 *
US-PATENT-CLASS-523-458 ..... c 24 N84-34571 *
US-PATENT-CLASS-523-458 ..... c 27 N85-34282 *
US-PATENT-CLASS-523-461 ..... c 27 N86-27451 *
US-PATENT-CLASS-523-66468 ... c 24 N86-19380 *
US-PATENT-CLASS-524-104 ..... c 27 N83-28240 *
US-PATENT-CLASS-524-171 ..... c 27 N84-22747 *
US-PATENT-CLASS-524-173 ..... c 27 N83-28240 *
US-PATENT-CLASS-524-233 ..... c 27 N83-28240 *
US-PATENT-CLASS-524-233 ..... c 27 N90-16950 *
US-PATENT-CLASS-524-366 ..... c 27 N90-16950 *
US-PATENT-CLASS-524-371 ..... c 27 N84-14324 *
US-PATENT-CLASS-524-378 ..... c 27 N90-16950 *
US-PATENT-CLASS-524-388 ..... c 27 N85-29044 *
US-PATENT-CLASS-524-404 ..... c 27 N87-22845 *
US-PATENT-CLASS-524-436 ..... c 27 N83-19900 *
US-PATENT-CLASS-524-437 ..... c 27 N83-19900 *
US-PATENT-CLASS-524-494 ..... c 27 N84-14322 *
US-PATENT-CLASS-524-495 ..... c 27 N92-21711 *
US-PATENT-CLASS-524-496 ..... c 27 N84-14322 *
US-PATENT-CLASS-524-500 ..... c 27 N84-14322 *
US-PATENT-CLASS-524-503 ..... c 27 N83-19900 *
US-PATENT-CLASS-524-530 ..... c 27 N84-14322 *
US-PATENT-CLASS-524-538 ..... c 27 N94-23076 *
US-PATENT-CLASS-524-548 ..... c 27 N86-20560 *
US-PATENT-CLASS-524-548 ..... c 27 N87-22845 *
US-PATENT-CLASS-524-564 ..... c 27 N83-19900 *
US-PATENT-CLASS-524-567 ..... c 27 N85-29044 *
US-PATENT-CLASS-524-600 ..... c 27 N90-16950 *
US-PATENT-CLASS-524-600 ..... c 27 N91-15402 *
US-PATENT-CLASS-524-607 ..... c 27 N90-16950 *
US-PATENT-CLASS-524-608 ..... c 27 N94-23076 *
US-PATENT-CLASS-524-726 ..... c 27 N83-28240 *
US-PATENT-CLASS-524-786 ..... c 27 N83-19900 *
US-PATENT-CLASS-525-107 ..... c 27 N85-34281 *
US-PATENT-CLASS-525-108 ..... c 27 N86-27451 *
US-PATENT-CLASS-525-113 ..... c 27 N85-34281 *
US-PATENT-CLASS-525-115 ..... c 27 N86-27451 *
US-PATENT-CLASS-525-119 ..... c 27 N85-34281 *
US-PATENT-CLASS-525-119 ..... c 27 N86-27451 *
US-PATENT-CLASS-525-122 ..... c 27 N86-27451 *
US-PATENT-CLASS-525-181 ..... c 27 N83-28240 *
US-PATENT-CLASS-525-181 ..... c 27 N85-21349 *
US-PATENT-CLASS-525-182 ..... c 27 N85-21349 *
US-PATENT-CLASS-525-182 ..... c 27 N87-22845 *
US-PATENT-CLASS-525-183 ..... c 27 N83-28240 *
US-PATENT-CLASS-525-183 ..... c 27 N85-21349 *
US-PATENT-CLASS-525-184 ..... c 27 N83-28240 *
US-PATENT-CLASS-525-184 ..... c 27 N85-21349 *
US-PATENT-CLASS-525-186 ..... c 27 N85-34281 *
US-PATENT-CLASS-525-186 ..... c 27 N86-20560 *
US-PATENT-CLASS-525-229 ..... c 27 N85-34281 *
US-PATENT-CLASS-525-26 ..... c 27 N85-29043 *
US-PATENT-CLASS-525-275 ..... c 27 N92-22044 *
US-PATENT-CLASS-525-282 ..... c 27 N84-14322 *
US-PATENT-CLASS-525-282 ..... c 27 N87-15304 *
US-PATENT-CLASS-525-287 ..... c 27 N84-14322 *
US-PATENT-CLASS-525-326 ..... c 27 N80-24438 *
US-PATENT-CLASS-525-336 ..... c 27 N80-24438 *
US-PATENT-CLASS-525-340 ..... c 27 N80-24438 *
US-PATENT-CLASS-525-36 ..... c 27 N87-22848 *
US-PATENT-CLASS-525-374 ..... c 27 N80-24438 *
US-PATENT-CLASS-525-375 ..... c 27 N80-24438 *
US-PATENT-CLASS-525-384 ..... c 28 N81-15119 *
US-PATENT-CLASS-525-389 ..... c 27 N84-22750 *
US-PATENT-CLASS-525-397 ..... c 27 N88-18725 *
US-PATENT-CLASS-525-417 ..... c 27 N84-22745 *
US-PATENT-CLASS-525-420 ..... c 27 N85-20123 *
US-PATENT-CLASS-525-420 ..... c 27 N92-29157 *
US-PATENT-CLASS-525-420 ..... c 27 N92-31792 *
US-PATENT-CLASS-525-421 ..... c 27 N92-22044 *
US-PATENT-CLASS-525-421 ..... c 24 N93-13416 *
US-PATENT-CLASS-525-421 ..... c 27 N94-35233 *
US-PATENT-CLASS-525-421 ..... c 24 N94-35372 * #
US-PATENT-CLASS-525-422 ..... c 27 N91-31307 *
US-PATENT-CLASS-525-422 ..... c 27 N92-21711 *
US-PATENT-CLASS-525-422 ..... c 27 N92-22044 *
US-PATENT-CLASS-525-422 ..... c 27 N93-11059 *
US-PATENT-CLASS-525-423 ..... c 24 N86-19380 *
US-PATENT-CLASS-525-425 ..... c 33 N88-23941 *
US-PATENT-CLASS-525-426 ..... c 27 N80-26446 *
US-PATENT-CLASS-525-426 ..... c 27 N84-22746 *
US-PATENT-CLASS-525-426 ..... c 27 N87-28657 *
US-PATENT-CLASS-525-426 ..... c 24 N93-13416 *
US-PATENT-CLASS-525-426 ..... c 24 N94-35372 * #
US-PATENT-CLASS-525-432 ..... c 27 N86-19456 *
US-PATENT-CLASS-525-432 ..... c 27 N87-28657 *
US-PATENT-CLASS-525-432 ..... c 24 N91-25200 *
US-PATENT-CLASS-525-432 ..... c 27 N92-21711 *
US-PATENT-CLASS-525-432 ..... c 27 N92-29157 *
US-PATENT-CLASS-525-432 ..... c 27 N93-11059 *
US-PATENT-CLASS-525-432 ..... c 24 N93-13416 *
US-PATENT-CLASS-525-432 ..... c 27 N94-35233 *
US-PATENT-CLASS-525-432 ..... c 24 N94-35372 * #
US-PATENT-CLASS-525-434 ..... c 27 N92-31792 *
US-PATENT-CLASS-525-436 ..... c 27 N86-19456 *
US-PATENT-CLASS-525-436 ..... c 27 N87-28657 *
US-PATENT-CLASS-525-436 ..... c 27 N91-15402 *
US-PATENT-CLASS-525-436 ..... c 27 N92-31792 *
US-PATENT-CLASS-525-436 ..... c 24 N93-13416 *
US-PATENT-CLASS-525-436 ..... c 27 N94-35233 *
US-PATENT-CLASS-525-436 ..... c 24 N94-35372 * #
US-PATENT-CLASS-525-471 ..... c 27 N91-31307 *
US-PATENT-CLASS-525-474 ..... c 27 N83-28240 *
US-PATENT-CLASS-525-474 ..... c 27 N85-21349 *
US-PATENT-CLASS-525-47 ..... c 27 N85-29043 *
US-PATENT-CLASS-525-484 ..... c 24 N84-34571 *
US-PATENT-CLASS-525-4 ..... c 25 N80-23383 *
US-PATENT-CLASS-525-527 ..... c 24 N86-19380 *
US-PATENT-CLASS-525-532 ..... c 23 N85-28973 *
US-PATENT-CLASS-525-534 ..... c 27 N84-22747 *
US-PATENT-CLASS-525-534 ..... c 23 N85-28973 *
US-PATENT-CLASS-525-534 ..... c 27 N86-27450 *
US-PATENT-CLASS-525-535 ..... c 27 N84-22747 *
US-PATENT-CLASS-525-535 ..... c 27 N86-27450 *
US-PATENT-CLASS-525-536 ..... c 27 N84-22747 *
US-PATENT-CLASS-525-56 ..... c 23 N81-29160 *
US-PATENT-CLASS-525-61 ..... c 27 N81-24257 *
US-PATENT-CLASS-525-61 ..... c 23 N81-29160 *
US-PATENT-CLASS-525-61 ..... c 25 N83-13188 *
US-PATENT-CLASS-525-903 ..... c 27 N87-28657 *
US-PATENT-CLASS-525-903 ..... c 27 N92-21711 *
US-PATENT-CLASS-525-903 ..... c 27 N93-11059 *
US-PATENT-CLASS-525-903 ..... c 24 N93-13416 *
US-PATENT-CLASS-525-903 ..... c 27 N94-35233 *
US-PATENT-CLASS-525-903 ..... c 24 N94-35372 * #
US-PATENT-CLASS-525-905 ..... c 27 N88-18725 *
US-PATENT-CLASS-526-13 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-193 ..... c 27 N78-15276 *
US-PATENT-CLASS-526-1 ..... c 27 N76-24405 *
US-PATENT-CLASS-526-201 ..... c 25 N81-19242 *
US-PATENT-CLASS-526-204 ..... c 25 N85-30039 *
US-PATENT-CLASS-526-217 ..... c 27 N85-21350 *
US-PATENT-CLASS-526-217 ..... c 25 N85-30039 *
US-PATENT-CLASS-526-225 ..... c 27 N78-15276 *
US-PATENT-CLASS-526-23 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-248 ..... c 27 N92-22044 *
US-PATENT-CLASS-526-249 ..... c 27 N92-22044 *
US-PATENT-CLASS-526-255 ..... c 27 N76-24405 *
US-PATENT-CLASS-526-258 ..... c 27 N92-16121 *
US-PATENT-CLASS-526-259 ..... c 27 N83-34040 *
US-PATENT-CLASS-526-261 ..... c 27 N80-24438 *
US-PATENT-CLASS-526-262 ..... c 27 N81-27272 *
US-PATENT-CLASS-526-262 ..... c 27 N84-22745 *
US-PATENT-CLASS-526-262 ..... c 27 N84-27885 *
US-PATENT-CLASS-526-262 ..... c 27 N85-21347 *
US-PATENT-CLASS-526-262 ..... c 27 N85-21350 *
US-PATENT-CLASS-526-262 ..... c 27 N85-21351 *
US-PATENT-CLASS-526-262 ..... c 27 N85-21352 *
US-PATENT-CLASS-526-262 ..... c 25 N85-28982 *
US-PATENT-CLASS-526-262 ..... c 25 N85-30039 *
US-PATENT-CLASS-526-262 ..... c 27 N86-20560 *
US-PATENT-CLASS-526-262 ..... c 24 N86-21590 *
US-PATENT-CLASS-526-262 ..... c 27 N87-22845 *
US-PATENT-CLASS-526-262 ..... c 23 N90-21118 *
US-PATENT-CLASS-526-262 ..... c 23 N91-14418 *
US-PATENT-CLASS-526-262 ..... c 27 N92-22044 *
US-PATENT-CLASS-526-262 ..... c 27 N93-19327 *
US-PATENT-CLASS-526-262 ..... c 27 N93-19388 *
US-PATENT-CLASS-526-262 ..... c 27 N93-22033 *
US-PATENT-CLASS-526-265 ..... c 27 N86-20560 *
US-PATENT-CLASS-526-265 ..... c 24 N86-28131 *
US-PATENT-CLASS-526-274 ..... c 27 N85-21347 *
US-PATENT-CLASS-526-275 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-275 ..... c 27 N80-24438 *
US-PATENT-CLASS-526-276 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-276 ..... c 27 N80-24438 *
US-PATENT-CLASS-526-278 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-278 ..... c 27 N80-24438 *

US-PATENT-CLASS-526-27 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-285 ..... c 27 N83-34040 *
US-PATENT-CLASS-526-285 ..... c 27 N86-27450 *
US-PATENT-CLASS-526-285 ..... c 27 N93-19327 *
US-PATENT-CLASS-526-285 ..... c 27 N93-19388 *
US-PATENT-CLASS-526-328 ..... c 27 N85-29043 *
US-PATENT-CLASS-526-329.2 .... c 27 N85-29043 *
US-PATENT-CLASS-526-49 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-50 ..... c 27 N78-32256 *
US-PATENT-CLASS-526-60 ..... c 27 N90-23544 *
US-PATENT-CLASS-526-7 ..... c 44 N79-25481 *
US-PATENT-CLASS-526-88 ..... c 25 N81-19242 *
US-PATENT-CLASS-526-914 ..... c 28 N81-15119 *
US-PATENT-CLASS-526-9 ..... c 44 N79-25481 *
US-PATENT-CLASS-528-102 ..... c 24 N86-19380 *
US-PATENT-CLASS-528-103 ..... c 24 N86-19380 *
US-PATENT-CLASS-528-106 ..... c 27 N85-34282 *
US-PATENT-CLASS-528-108 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-108 ..... c 27 N87-25469 *
US-PATENT-CLASS-528-10 ..... c 27 N88-29040 *
US-PATENT-CLASS-528-10 ..... c 27 N90-21177 *
US-PATENT-CLASS-528-110 ..... c 24 N84-11213 *
US-PATENT-CLASS-528-113 ..... c 27 N85-34281 *
US-PATENT-CLASS-528-117 ..... c 27 N85-34281 *
US-PATENT-CLASS-528-118 ..... c 27 N81-17260 *
US-PATENT-CLASS-528-124 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-125 ..... c 27 N83-34040 *
US-PATENT-CLASS-528-125 ..... c 27 N84-22749 *
US-PATENT-CLASS-528-125 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-125 ..... c 27 N89-14337 *
US-PATENT-CLASS-528-125 ..... c 27 N90-16950 *
US-PATENT-CLASS-528-125 ..... c 27 N90-23545 *
US-PATENT-CLASS-528-125 ..... c 27 N90-23546 *
US-PATENT-CLASS-528-125 ..... c 27 N91-15403 *
US-PATENT-CLASS-528-125 ..... c 23 N91-27220 *
US-PATENT-CLASS-528-125 ..... c 25 N92-16043 *
US-PATENT-CLASS-528-125 ..... c 27 N92-28751 *
US-PATENT-CLASS-528-125 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-125 ..... c 27 N92-33014 *
US-PATENT-CLASS-528-125 ..... c 27 N92-33015 *
US-PATENT-CLASS-528-125 ..... c 27 N93-14709 *
US-PATENT-CLASS-528-125 ..... c 23 N93-18283 *
US-PATENT-CLASS-528-125 ..... c 27 N93-25997 * #
US-PATENT-CLASS-528-125 ..... c 27 N93-25999 *
US-PATENT-CLASS-528-125 ..... c 27 N93-29083 *
US-PATENT-CLASS-528-125 ..... c 27 N93-29085 *
US-PATENT-CLASS-528-125 ..... c 23 N94-20540 *
US-PATENT-CLASS-528-125 ..... c 27 N94-23307 *
US-PATENT-CLASS-528-125 ..... c 23 N94-29554 *
US-PATENT-CLASS-528-125 ..... c 27 N94-35234 *
US-PATENT-CLASS-528-126 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-126 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-126 ..... c 27 N83-34040 *
US-PATENT-CLASS-528-126 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-126 ..... c 27 N90-23545 *
US-PATENT-CLASS-528-126 ..... c 27 N90-23546 *
US-PATENT-CLASS-528-126 ..... c 27 N91-15403 *
US-PATENT-CLASS-528-126 ..... c 23 N91-27220 *
US-PATENT-CLASS-528-126 ..... c 25 N92-16043 *
US-PATENT-CLASS-528-126 ..... c 27 N92-28751 *
US-PATENT-CLASS-528-126 ..... c 27 N92-33014 *
US-PATENT-CLASS-528-126 ..... c 27 N93-14709 *
US-PATENT-CLASS-528-126 ..... c 23 N93-18283 *
US-PATENT-CLASS-528-126 ..... c 27 N93-29085 *
US-PATENT-CLASS-528-126 ..... c 23 N94-20540 *
US-PATENT-CLASS-528-126 ..... c 27 N94-23307 *
US-PATENT-CLASS-528-126 ..... c 27 N94-35234 *
US-PATENT-CLASS-528-127 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-127 ..... c 27 N92-28751 *
US-PATENT-CLASS-528-128 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-128 ..... c 27 N83-34040 *
US-PATENT-CLASS-528-128 ..... c 27 N84-22749 *
US-PATENT-CLASS-528-128 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-128 ..... c 27 N89-14337 *
US-PATENT-CLASS-528-128 ..... c 27 N90-23545 *
US-PATENT-CLASS-528-128 ..... c 27 N90-23546 *
US-PATENT-CLASS-528-128 ..... c 23 N91-27220 *
US-PATENT-CLASS-528-128 ..... c 25 N92-16043 *
US-PATENT-CLASS-528-128 ..... c 27 N92-28751 *
US-PATENT-CLASS-528-128 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-128 ..... c 27 N92-33014 *
US-PATENT-CLASS-528-128 ..... c 27 N92-33015 *
US-PATENT-CLASS-528-128 ..... c 27 N93-14709 *
US-PATENT-CLASS-528-128 ..... c 23 N93-18283 *
US-PATENT-CLASS-528-128 ..... c 27 N93-25997 * #
US-PATENT-CLASS-528-128 ..... c 27 N93-25999 *
US-PATENT-CLASS-528-128 ..... c 27 N93-29083 *
US-PATENT-CLASS-528-128 ..... c 27 N93-29085 *
US-PATENT-CLASS-528-128 ..... c 23 N94-20540 *
US-PATENT-CLASS-528-128 ..... c 27 N94-29554 *
US-PATENT-CLASS-528-12 ..... c 27 N83-34040 *
US-PATENT-CLASS-528-151 ..... c 27 N94-23307 *
US-PATENT-CLASS-528-152 ..... c 27 N94-23307 *
US-PATENT-CLASS-528-153 ..... c 27 N94-23307 *
US-PATENT-CLASS-528-155 ..... c 27 N94-23307 *
US-PATENT-CLASS-528-166 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-167 ..... c 27 N85-21347 *
US-PATENT-CLASS-528-167 ..... c 23 N94-20540 *
US-PATENT-CLASS-528-168 ..... c 27 N81-27271 *
US-PATENT-CLASS-528-168 ..... c 27 N82-18389 *
US-PATENT-CLASS-528-168 ..... c 27 N85-21347 *
US-PATENT-CLASS-528-168 ..... c 27 N85-34280 *
US-PATENT-CLASS-528-168 ..... c 27 N87-16909 *
US-PATENT-CLASS-528-168 ..... c 27 N87-25469 *
US-PATENT-CLASS-528-168 ..... c 23 N93-18283 *
US-PATENT-CLASS-528-169 ..... c 23 N93-18283 *
US-PATENT-CLASS-528-170 ..... c 27 N85-21347 *
US-PATENT-CLASS-528-170 ..... c 24 N86-25416 *
US-PATENT-CLASS-528-170 ..... c 27 N86-31726 * #
US-PATENT-CLASS-528-170 ..... c 27 N93-14709 *
US-PATENT-CLASS-528-170 ..... c 27 N93-22033 *
US-PATENT-CLASS-528-170 ..... c 27 N93-25997 * #
US-PATENT-CLASS-528-170 ..... c 27 N93-25999 *
US-PATENT-CLASS-528-170 ..... c 27 N93-29083 *
US-PATENT-CLASS-528-170 ..... c 27 N94-23079 *
US-PATENT-CLASS-528-170 ..... c 23 N94-29554 *
US-PATENT-CLASS-528-171-175 c 27 N90-23545 *
US-PATENT-CLASS-528-171 ..... c 27 N86-27450 *
US-PATENT-CLASS-528-171 ..... c 23 N94-20540 *
US-PATENT-CLASS-528-171 ..... c 27 N94-23079 *
US-PATENT-CLASS-528-172 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-172 ..... c 27 N84-22749 *
US-PATENT-CLASS-528-172 ..... c 27 N90-23546 *
US-PATENT-CLASS-528-172 ..... c 27 N91-15403 *
US-PATENT-CLASS-528-172 ..... c 25 N92-16043 *
US-PATENT-CLASS-528-172 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-172 ..... c 27 N92-33015 *
US-PATENT-CLASS-528-172 ..... c 27 N93-14709 *
US-PATENT-CLASS-528-172 ..... c 23 N93-18283 *
US-PATENT-CLASS-528-172 ..... c 27 N93-25997 * #
US-PATENT-CLASS-528-172 ..... c 27 N93-25999 *
US-PATENT-CLASS-528-172 ..... c 27 N93-29083 *
US-PATENT-CLASS-528-172 ..... c 27 N93-29085 *
US-PATENT-CLASS-528-172 ..... c 23 N94-20540 *
US-PATENT-CLASS-528-172 ..... c 23 N94-29554 *
US-PATENT-CLASS-528-172 ..... c 27 N94-35234 *
US-PATENT-CLASS-528-173 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-173 ..... c 27 N91-15403 *
US-PATENT-CLASS-528-173 ..... c 25 N92-16043 *
US-PATENT-CLASS-528-173 ..... c 27 N92-33014 *
US-PATENT-CLASS-528-173 ..... c 27 N93-14709 *
US-PATENT-CLASS-528-173 ..... c 27 N93-25997 * #
US-PATENT-CLASS-528-173 ..... c 27 N93-25999 *
US-PATENT-CLASS-528-173 ..... c 27 N93-29085 *
US-PATENT-CLASS-528-173 ..... c 27 N94-23079 *
US-PATENT-CLASS-528-173 ..... c 23 N94-29554 *
US-PATENT-CLASS-528-173 ..... c 27 N94-35234 *
US-PATENT-CLASS-528-174 ..... c 27 N86-27450 *
US-PATENT-CLASS-528-174 ..... c 23 N93-18283 *
US-PATENT-CLASS-528-174 ..... c 23 N94-20540 *
US-PATENT-CLASS-528-174 ..... c 27 N94-23079 *
US-PATENT-CLASS-528-174 ..... c 27 N94-35234 *
US-PATENT-CLASS-528-176 ..... c 27 N86-27450 *
US-PATENT-CLASS-528-176 ..... c 27 N87-22848 *
US-PATENT-CLASS-528-176 ..... c 27 N90-21198 *
US-PATENT-CLASS-528-176 ..... c 27 N91-15403 *
US-PATENT-CLASS-528-176 ..... c 27 N93-25997 * #
US-PATENT-CLASS-528-176 ..... c 27 N93-25999 *
US-PATENT-CLASS-528-176 ..... c 27 N94-23079 *
US-PATENT-CLASS-528-179 ..... c 27 N86-19456 *
US-PATENT-CLASS-528-179 ..... c 25 N92-16043 *
US-PATENT-CLASS-528-179 ..... c 27 N92-29157 *
US-PATENT-CLASS-528-179 ..... c 27 N92-33014 *
US-PATENT-CLASS-528-179 ..... c 27 N93-29085 *
US-PATENT-CLASS-528-180 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-182 ..... c 27 N86-19456 *
US-PATENT-CLASS-528-182 ..... c 27 N92-33014 *
US-PATENT-CLASS-528-183 ..... c 27 N84-22746 *
US-PATENT-CLASS-528-183 ..... c 27 N85-20123 *
US-PATENT-CLASS-528-183 ..... c 27 N86-29039 *
US-PATENT-CLASS-528-183 ..... c 27 N93-25997 * #
US-PATENT-CLASS-528-184 ..... c 27 N87-22848 *
US-PATENT-CLASS-528-185 ..... c 27 N84-22749 *
US-PATENT-CLASS-528-185 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-185 ..... c 27 N86-19456 *
US-PATENT-CLASS-528-185 ..... c 27 N90-23546 *
US-PATENT-CLASS-528-185 ..... c 23 N92-29141 *
US-PATENT-CLASS-528-185 ..... c 27 N92-29157 *
US-PATENT-CLASS-528-185 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-185 ..... c 27 N92-33015 *
US-PATENT-CLASS-528-186 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-187 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-188 ..... c 23 N90-19300 *
US-PATENT-CLASS-528-188 ..... c 27 N90-23546 *
US-PATENT-CLASS-528-188 ..... c 27 N92-33014 *
US-PATENT-CLASS-528-188 ..... c 27 N93-14709 *
US-PATENT-CLASS-528-188 ..... c 27 N93-29085 *
US-PATENT-CLASS-528-192 ..... c 27 N85-20123 *
US-PATENT-CLASS-528-192 ..... c 27 N87-22848 *
US-PATENT-CLASS-528-193 ..... c 27 N87-22848 *
US-PATENT-CLASS-528-207 ..... c 27 N80-16158 *
US-PATENT-CLASS-528-207 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-208 ..... c 27 N80-16158 *
US-PATENT-CLASS-528-208 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-210 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-211 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-212 ..... c 27 N90-23545 *
US-PATENT-CLASS-528-219 ..... c 23 N91-27220 *
US-PATENT-CLASS-528-219 ..... c 27 N94-23307 *
US-PATENT-CLASS-528-220 ..... c 27 N83-34040 *
US-PATENT-CLASS-528-220 ..... c 27 N84-22746 *
US-PATENT-CLASS-528-220 ..... c 27 N85-20123 *
US-PATENT-CLASS-528-220 ..... c 24 N86-25416 *
US-PATENT-CLASS-528-220 ..... c 27 N86-31726 * #
US-PATENT-CLASS-528-220 ..... c 27 N87-21112 *
US-PATENT-CLASS-528-220 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-220 ..... c 23 N91-27220 *
US-PATENT-CLASS-528-220 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-220 ..... c 27 N92-28751 *
US-PATENT-CLASS-528-221 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-222 ..... c 27 N81-29229 *
US-PATENT-CLASS-528-222 ..... c 27 N83-34040 *
US-PATENT-CLASS-528-222 ..... c 27 N83-34041 *
US-PATENT-CLASS-528-222 ..... c 27 N86-29039 *
US-PATENT-CLASS-528-222 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-223 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-224 ..... c 27 N92-28751 *
US-PATENT-CLASS-528-225 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-225 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-225 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-226 ..... c 27 N83-34041 *
US-PATENT-CLASS-528-226 ..... c 27 N85-20124 *
US-PATENT-CLASS-528-226 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-227 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-227 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-228 ..... c 27 N81-27272 *
US-PATENT-CLASS-528-228 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-228 ..... c 27 N83-34040 *
US-PATENT-CLASS-528-228 ..... c 27 N84-22745 *
US-PATENT-CLASS-528-228 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-228 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-229 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-229 ..... c 27 N79-33316 *
US-PATENT-CLASS-528-229 ..... c 27 N81-29229 *
US-PATENT-CLASS-528-229 ..... c 27 N83-34040 *
US-PATENT-CLASS-528-229 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-229 ..... c 27 N85-21350 *
US-PATENT-CLASS-528-229 ..... c 27 N85-21351 *
US-PATENT-CLASS-528-229 ..... c 27 N85-21352 *
US-PATENT-CLASS-528-229 ..... c 27 N85-34280 *
US-PATENT-CLASS-528-229 ..... c 27 N85-34282 *
US-PATENT-CLASS-528-229 ..... c 27 N86-19457 *
US-PATENT-CLASS-528-229 ..... c 27 N87-21112 *
US-PATENT-CLASS-528-229 ..... c 27 N87-22847 *
US-PATENT-CLASS-528-229 ..... c 23 N90-19300 *
US-PATENT-CLASS-528-229 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-22 ..... c 27 N92-16121 *
US-PATENT-CLASS-528-22 ..... c 27 N94-29555 *
US-PATENT-CLASS-528-230 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-233 ..... c 27 N91-27372 *
US-PATENT-CLASS-528-239 ..... c 27 N85-20124 *
US-PATENT-CLASS-528-241 ..... c 27 N85-20124 *
US-PATENT-CLASS-528-258 ..... c 27 N85-20124 *
US-PATENT-CLASS-528-25 ..... c 27 N84-22747 *
US-PATENT-CLASS-528-26 ..... c 27 N84-22747 *
US-PATENT-CLASS-528-26 ..... c 27 N87-14516 *
US-PATENT-CLASS-528-26 ..... c 27 N93-29083 *
US-PATENT-CLASS-528-26 ..... c 27 N94-29555 *
US-PATENT-CLASS-528-271 ..... c 27 N84-27884 *
US-PATENT-CLASS-528-279 ..... c 27 N85-20124 *
US-PATENT-CLASS-528-288 ..... c 27 N85-29043 *
US-PATENT-CLASS-528-289 ..... c 27 N85-29043 *
US-PATENT-CLASS-528-28 ..... c 27 N93-29083 *
US-PATENT-CLASS-528-28 ..... c 27 N94-20374 *
US-PATENT-CLASS-528-28 ..... c 27 N94-29555 *
US-PATENT-CLASS-528-303 ..... c 27 N85-29043 *
US-PATENT-CLASS-528-304 ..... c 27 N85-29043 *
US-PATENT-CLASS-528-308 ..... c 27 N90-21198 *
US-PATENT-CLASS-528-30 ..... c 27 N88-29040 *
US-PATENT-CLASS-528-30 ..... c 27 N90-21177 *
US-PATENT-CLASS-528-310 ..... c 27 N81-17262 *
US-PATENT-CLASS-528-310 ..... c 27 N81-24256 *
US-PATENT-CLASS-528-310 ..... c 27 N82-24338 *
US-PATENT-CLASS-528-310 ..... c 27 N84-27884 *
US-PATENT-CLASS-528-310 ..... c 23 N86-19376 *
US-PATENT-CLASS-528-310 ..... c 27 N94-20374 *
US-PATENT-CLASS-528-314 ..... c 25 N85-30039 *
US-PATENT-CLASS-528-315 ..... c 27 N85-21350 *
US-PATENT-CLASS-528-321 ..... c 27 N85-21347 *
US-PATENT-CLASS-528-321 ..... c 24 N86-25416 *
US-PATENT-CLASS-528-321 ..... c 27 N86-31726 * #
US-PATENT-CLASS-528-321 ..... c 27 N87-16909 *
US-PATENT-CLASS-528-321 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-321 ..... c 27 N93-22033 *
US-PATENT-CLASS-528-322 ..... c 27 N81-17260 *
US-PATENT-CLASS-528-322 ..... c 27 N84-22745 *
US-PATENT-CLASS-528-322 ..... c 27 N84-27885 *

US-PATENT-CLASS-528-322 ..... c 27 N85-21347 *
US-PATENT-CLASS-528-322 ..... c 27 N85-21350 *
US-PATENT-CLASS-528-322 ..... c 27 N85-21351 *
US-PATENT-CLASS-528-322 ..... c 27 N85-21352 *
US-PATENT-CLASS-528-322 ..... c 25 N85-28982 *
US-PATENT-CLASS-528-322 ..... c 25 N85-30039 *
US-PATENT-CLASS-528-322 ..... c 27 N86-19457 *
US-PATENT-CLASS-528-322 ..... c 24 N86-25416 *
US-PATENT-CLASS-528-322 ..... c 27 N86-31726 * #
US-PATENT-CLASS-528-322 ..... c 27 N87-16909 *
US-PATENT-CLASS-528-322 ..... c 27 N87-21112 *
US-PATENT-CLASS-528-322 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-322 ..... c 23 N90-21118 *
US-PATENT-CLASS-528-322 ..... c 23 N91-14418 *
US-PATENT-CLASS-528-322 ..... c 27 N93-19327 *
US-PATENT-CLASS-528-322 ..... c 27 N93-19388 *
US-PATENT-CLASS-528-322 ..... c 27 N93-22033 *
US-PATENT-CLASS-528-327 ..... c 27 N84-27884 *
US-PATENT-CLASS-528-327 ..... c 27 N86-19455 *
US-PATENT-CLASS-528-327 ..... c 27 N87-21112 *
US-PATENT-CLASS-528-328 ..... c 27 N82-24338 *
US-PATENT-CLASS-528-32 ..... c 27 N94-29555 *
US-PATENT-CLASS-528-331 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-331 ..... c 27 N84-27884 *
US-PATENT-CLASS-528-331 ..... c 27 N87-21112 *
US-PATENT-CLASS-528-331 ..... c 27 N94-20374 *
US-PATENT-CLASS-528-336 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-336 ..... c 27 N85-20123 *
US-PATENT-CLASS-528-336 ..... c 27 N85-21350 *
US-PATENT-CLASS-528-336 ..... c 27 N86-32568 * #
US-PATENT-CLASS-528-337 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-337 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-337 ..... c 27 N86-32568 * #
US-PATENT-CLASS-528-338 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-33 ..... c 27 N94-29555 *
US-PATENT-CLASS-528-340 ..... c 27 N86-32568 * #
US-PATENT-CLASS-528-341 ..... c 27 N86-29039 *
US-PATENT-CLASS-528-342 ..... c 27 N79-28307 *
US-PATENT-CLASS-528-342 ..... c 27 N84-27885 *
US-PATENT-CLASS-528-342 ..... c 27 N85-21350 *
US-PATENT-CLASS-528-342 ..... c 27 N85-21351 *
US-PATENT-CLASS-528-342 ..... c 27 N85-21352 *
US-PATENT-CLASS-528-342 ..... c 25 N85-28982 *
US-PATENT-CLASS-528-342 ..... c 27 N86-19457 *
US-PATENT-CLASS-528-345 ..... c 27 N84-22746 *
US-PATENT-CLASS-528-345 ..... c 27 N85-20123 *
US-PATENT-CLASS-528-345 ..... c 27 N86-19457 *
US-PATENT-CLASS-528-347 ..... c 27 N86-32568 * #
US-PATENT-CLASS-528-348 ..... c 27 N84-22746 *
US-PATENT-CLASS-528-34 ..... c 27 N94-29555 *
US-PATENT-CLASS-528-350 ..... c 24 N91-25200 *
US-PATENT-CLASS-528-351 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-352 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-352 ..... c 27 N85-34280 *
US-PATENT-CLASS-528-352 ..... c 27 N86-19456 *
US-PATENT-CLASS-528-352 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-352 ..... c 23 N90-19300 *
US-PATENT-CLASS-528-352 ..... c 24 N91-25200 *
US-PATENT-CLASS-528-352 ..... c 27 N92-29157 *
US-PATENT-CLASS-528-352 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-352 ..... c 27 N92-33015 *
US-PATENT-CLASS-528-353 ..... c 27 N81-19296 *
US-PATENT-CLASS-528-353 ..... c 27 N82-11206 *
US-PATENT-CLASS-528-353 ..... c 27 N85-21348 *
US-PATENT-CLASS-528-353 ..... c 27 N85-34280 *
US-PATENT-CLASS-528-353 ..... c 27 N86-19456 *
US-PATENT-CLASS-528-353 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-353 ..... c 27 N90-16950 *
US-PATENT-CLASS-528-353 ..... c 23 N90-19300 *
US-PATENT-CLASS-528-353 ..... c 27 N90-23546 *
US-PATENT-CLASS-528-353 ..... c 27 N91-15402 *
US-PATENT-CLASS-528-353 ..... c 27 N91-15403 *
US-PATENT-CLASS-528-353 ..... c 27 N92-29157 *
US-PATENT-CLASS-528-353 ..... c 27 N92-33008 *
US-PATENT-CLASS-528-353 ..... c 27 N92-33015 *
US-PATENT-CLASS-528-353 ..... c 27 N93-25999 *
US-PATENT-CLASS-528-353 ..... c 27 N93-29083 *
US-PATENT-CLASS-528-353 ..... c 27 N94-20374 *
US-PATENT-CLASS-528-353 ..... c 27 N94-23079 *
US-PATENT-CLASS-528-353 ..... c 23 N94-29554 *
US-PATENT-CLASS-528-353 ..... c 27 N94-29555 *
US-PATENT-CLASS-528-353 ..... c 27 N94-35234 *
US-PATENT-CLASS-528-361 ..... c 24 N84-11213 *
US-PATENT-CLASS-528-362 ..... c 25 N81-14016 *
US-PATENT-CLASS-528-362 ..... c 27 N81-17259 *
US-PATENT-CLASS-528-362 ..... c 27 N81-17262 *
US-PATENT-CLASS-528-362 ..... c 27 N82-24338 *
US-PATENT-CLASS-528-362 ..... c 27 N84-22744 *
US-PATENT-CLASS-528-362 ..... c 27 N84-27884 *
US-PATENT-CLASS-528-362 ..... c 27 N87-21112 *
US-PATENT-CLASS-528-38 ..... c 27 N83-34040 *
US-PATENT-CLASS-528-394 ..... c 27 N84-22750 *
US-PATENT-CLASS-528-399 ..... c 27 N81-27271 *
US-PATENT-CLASS-528-399 ..... c 27 N82-18389 *
US-PATENT-CLASS-528-399 ..... c 27 N84-22750 *
US-PATENT-CLASS-528-399 ..... c 23 N86-32525 *

US-PATENT-CLASS-528-401 ..... c 27 N79-22300 *
US-PATENT-CLASS-528-401 ..... c 25 N81-14016 *
US-PATENT-CLASS-528-401 ..... c 27 N81-17259 *
US-PATENT-CLASS-528-401 ..... c 27 N81-17262 *
US-PATENT-CLASS-528-401 ..... c 27 N82-24338 *
US-PATENT-CLASS-528-401 ..... c 23 N82-28353 *
US-PATENT-CLASS-528-401 ..... c 27 N84-22744 *
US-PATENT-CLASS-528-402 ..... c 25 N82-24312 *
US-PATENT-CLASS-528-406 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-407 ..... c 24 N84-34571 *
US-PATENT-CLASS-528-407 ..... c 27 N85-34281 *
US-PATENT-CLASS-528-407 ..... c 27 N85-34282 *
US-PATENT-CLASS-528-407 ..... c 23 N86-32525 *
US-PATENT-CLASS-528-413 ..... c 27 N87-24564 *
US-PATENT-CLASS-528-41 ..... c 27 N94-20374 *
US-PATENT-CLASS-528-422 ..... c 27 N79-22300 *
US-PATENT-CLASS-528-422 ..... c 25 N81-14016 *
US-PATENT-CLASS-528-422 ..... c 27 N81-17259 *
US-PATENT-CLASS-528-422 ..... c 27 N81-17262 *
US-PATENT-CLASS-528-422 ..... c 27 N82-24338 *
US-PATENT-CLASS-528-422 ..... c 23 N82-28353 *
US-PATENT-CLASS-528-422 ..... c 27 N84-22744 *
US-PATENT-CLASS-528-423 ..... c 27 N81-17259 *
US-PATENT-CLASS-528-423 ..... c 27 N84-22744 *
US-PATENT-CLASS-528-481 ..... c 27 N80-24438 *
US-PATENT-CLASS-528-4 ..... c 27 N81-27271 *
US-PATENT-CLASS-528-4 ..... c 27 N82-18389 *
US-PATENT-CLASS-528-4 ..... c 27 N88-29040 *
US-PATENT-CLASS-528-4 ..... c 27 N90-21177 *
US-PATENT-CLASS-528-6 ..... c 27 N81-27271 *
US-PATENT-CLASS-528-6 ..... c 27 N82-18389 *
US-PATENT-CLASS-528-6 ..... c 27 N84-22750 *
US-PATENT-CLASS-528-72 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-73 ..... c 25 N80-16116 *
US-PATENT-CLASS-528-73 ..... c 27 N89-16042 *
US-PATENT-CLASS-528-7 ..... c 27 N82-18389 *
US-PATENT-CLASS-528-7 ..... c 27 N84-22750 *
US-PATENT-CLASS-528-86 ..... c 23 N85-28973 *
US-PATENT-CLASS-528-92 ..... c 24 N84-34571 *
US-PATENT-CLASS-528-92 ..... c 27 N85-34282 *
US-PATENT-CLASS-528-94 ..... c 27 N85-34281 *
US-PATENT-CLASS-53-102 ..... c 15 N71-21528 *
US-PATENT-CLASS-53-112A ..... c 15 N73-27405 *
US-PATENT-CLASS-53-22A ..... c 15 N73-27405 *
US-PATENT-CLASS-53-22 ..... c 15 N71-23256 *
US-PATENT-CLASS-53-429 ..... c 09 N82-29330 *
US-PATENT-CLASS-53-9 ..... c 37 N77-23482 *
US-PATENT-CLASS-530-362 ..... c 52 N90-20616 *
US-PATENT-CLASS-530-363 ..... c 52 N90-20616 *
US-PATENT-CLASS-530-364 ..... c 52 N90-20616 *
US-PATENT-CLASS-530-387 ..... c 52 N90-20616 *
US-PATENT-CLASS-530-413 ..... c 25 N92-33009 *
US-PATENT-CLASS-530-422 ..... c 52 N90-20616 *
US-PATENT-CLASS-536-105 ..... c 27 N77-30236 *
US-PATENT-CLASS-536-536-85 . c 27 N77-30236 *
US-PATENT-CLASS-536-56 ..... c 27 N77-30236 *
US-PATENT-CLASS-536-58 ..... c 27 N77-30236 *
US-PATENT-CLASS-536-84 ..... c 27 N77-30236 *
US-PATENT-CLASS-538-117 ..... c 27 N81-17260 *
US-PATENT-CLASS-544-193 ..... c 27 N78-15276 *
US-PATENT-CLASS-544-193 ..... c 27 N79-28307 *
US-PATENT-CLASS-544-195 ..... c 27 N78-32256 *
US-PATENT-CLASS-544-215 ..... c 27 N84-22744 *
US-PATENT-CLASS-546-262 ..... c 27 N87-22847 *
US-PATENT-CLASS-546-264 ..... c 27 N87-22847 *
US-PATENT-CLASS-546-339 ..... c 27 N87-16908 *
US-PATENT-CLASS-546-346 ..... c 27 N87-16908 *
US-PATENT-CLASS-546-350 ..... c 27 N87-16908 *
US-PATENT-CLASS-547-131 ..... c 23 N82-28353 *
US-PATENT-CLASS-548-143 ..... c 23 N92-29141 *
US-PATENT-CLASS-548-145 ..... c 27 N94-23305 *
US-PATENT-CLASS-548-267.4 .... c 27 N94-23075 *
US-PATENT-CLASS-548-267.8 .... c 27 N94-23075 *
US-PATENT-CLASS-548-268.6 .... c 27 N94-23075 *
US-PATENT-CLASS-548-269.4 .... c 27 N94-23075 *
US-PATENT-CLASS-548-305.4 .... c 27 N94-23305 *
US-PATENT-CLASS-548-305.7 .... c 27 N94-23305 *
US-PATENT-CLASS-548-400 ..... c 23 N90-21118 *
US-PATENT-CLASS-548-413 ..... c 27 N83-31854 *
US-PATENT-CLASS-548-413 ..... c 23 N86-19376 *
US-PATENT-CLASS-548-413 ..... c 27 N87-23751 *
US-PATENT-CLASS-548-415 ..... c 27 N83-31854 *
US-PATENT-CLASS-548-415 ..... c 27 N84-22745 *
US-PATENT-CLASS-548-520 ..... c 27 N90-23545 *
US-PATENT-CLASS-548-524 ..... c 23 N90-21118 *
US-PATENT-CLASS-548-549 ..... c 23 N91-14419 *
US-PATENT-CLASS-549-241 ..... c 23 N88-26404 *
US-PATENT-CLASS-549-241 ..... c 25 N90-23497 *
US-PATENT-CLASS-549-335 ..... c 23 N85-33187 *
US-PATENT-CLASS-55-DIG.25 .... c 35 N84-17555 *
US-PATENT-CLASS-55-DIG.30 .... c 35 N84-17555 *
US-PATENT-CLASS-55-DIG.35 .... c 54 N75-27761 *
US-PATENT-CLASS-55-DIG.42 .... c 37 N85-29283 *
US-PATENT-CLASS-55-100 ..... c 35 N78-12390 *
US-PATENT-CLASS-55-100 ..... c 25 N78-25148 *
US-PATENT-CLASS-55-101 ..... c 25 N78-25148 *

US-PATENT-CLASS-55-105 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-105 ..... c 33 N90-20320 *
US-PATENT-CLASS-55-118 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-122 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-126 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-127 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-12 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-131 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-138 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-139 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-139 ..... c 33 N90-20320 *
US-PATENT-CLASS-55-145 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-15-8 ..... c 52 N79-14749 *
US-PATENT-CLASS-55-155 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-158 ..... c 18 N71-20742 *
US-PATENT-CLASS-55-158 ..... c 44 N77-22607 *
US-PATENT-CLASS-55-158 ..... c 25 N82-21269 *
US-PATENT-CLASS-55-159 ..... c 34 N74-30608 *
US-PATENT-CLASS-55-159 ..... c 37 N79-21345 *
US-PATENT-CLASS-55-159 ..... c 31 N90-20254 *
US-PATENT-CLASS-55-15 ..... c 71 N83-35781 *
US-PATENT-CLASS-55-15 ..... c 71 N85-22104 *
US-PATENT-CLASS-55-15 ..... c 25 N92-33611 *
US-PATENT-CLASS-55-160 ..... c 15 N71-15968 *
US-PATENT-CLASS-55-160 ..... c 29 N90-20236 *
US-PATENT-CLASS-55-160 ..... c 35 N90-22024 *
US-PATENT-CLASS-55-16 ..... c 06 N72-31140 *
US-PATENT-CLASS-55-179 ..... c 14 N71-17588 *
US-PATENT-CLASS-55-179 ..... c 54 N77-32722 *
US-PATENT-CLASS-55-182 ..... c 29 N90-20236 *
US-PATENT-CLASS-55-194 ..... c 35 N83-29652 *
US-PATENT-CLASS-55-197 ..... c 23 N77-17161 *
US-PATENT-CLASS-55-199 ..... c 34 N74-30608 *
US-PATENT-CLASS-55-202 ..... c 35 N83-29652 *
US-PATENT-CLASS-55-203 ..... c 35 N90-22024 *
US-PATENT-CLASS-55-204 ..... c 15 N71-23023 *
US-PATENT-CLASS-55-204 ..... c 44 N83-10501 *
US-PATENT-CLASS-55-204 ..... c 35 N90-22024 *
US-PATENT-CLASS-55-205 ..... c 29 N90-20236 *
US-PATENT-CLASS-55-208 ..... c 14 N71-18483 *
US-PATENT-CLASS-55-228 ..... c 45 N91-14662 *
US-PATENT-CLASS-55-241 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-242 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-242 ..... c 45 N91-14662 *
US-PATENT-CLASS-55-255 ..... c 35 N86-29174 *
US-PATENT-CLASS-55-259 ..... c 35 N86-29174 *
US-PATENT-CLASS-55-26-9 ..... c 35 N78-12390 *
US-PATENT-CLASS-55-261 ..... c 35 N76-18401 *
US-PATENT-CLASS-55-269 ..... c 54 N77-32722 *
US-PATENT-CLASS-55-270 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-277 ..... c 71 N83-35781 *
US-PATENT-CLASS-55-277 ..... c 71 N85-22104 *
US-PATENT-CLASS-55-277 ..... c 25 N92-33611 *
US-PATENT-CLASS-55-277 ..... c 25 N93-20570 *
US-PATENT-CLASS-55-283 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-291 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-2 ..... c 25 N78-25148 *
US-PATENT-CLASS-55-2 ..... c 28 N81-14103 *
US-PATENT-CLASS-55-2 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-306 ..... c 28 N70-34788 *
US-PATENT-CLASS-55-35 ..... c 05 N70-41297 *
US-PATENT-CLASS-55-360 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-386 ..... c 35 N75-26334 *
US-PATENT-CLASS-55-38 ..... c 71 N83-35781 *
US-PATENT-CLASS-55-3 ..... c 35 N78-12390 *
US-PATENT-CLASS-55-400 ..... c 11 N71-10777 *
US-PATENT-CLASS-55-407 ..... c 35 N79-17192 *
US-PATENT-CLASS-55-408 ..... c 15 N70-40062 *
US-PATENT-CLASS-55-418 ..... c 15 N71-22721 *
US-PATENT-CLASS-55-43 ..... c 34 N74-30608 *
US-PATENT-CLASS-55-446 ..... c 15 N72-22489 *
US-PATENT-CLASS-55-459.1 ..... c 34 N94-20361 *
US-PATENT-CLASS-55-464 ..... c 15 N72-22489 *
US-PATENT-CLASS-55-466 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-46 ..... c 31 N90-20254 *
US-PATENT-CLASS-55-493 ..... c 14 N72-23457 *
US-PATENT-CLASS-55-498 ..... c 14 N72-23457 *
US-PATENT-CLASS-55-502 ..... c 14 N72-23457 *
US-PATENT-CLASS-55-510 ..... c 25 N74-12813 *
US-PATENT-CLASS-55-518 ..... c 25 N74-12813 *
US-PATENT-CLASS-55-521 ..... c 14 N72-23457 *
US-PATENT-CLASS-55-521 ..... c 35 N86-29174 *
US-PATENT-CLASS-55-523 ..... c 34 N76-27515 *
US-PATENT-CLASS-55-526 ..... c 34 N76-27515 *
US-PATENT-CLASS-55-528 ..... c 35 N86-29174 *
US-PATENT-CLASS-55-52 ..... c 71 N83-35781 *
US-PATENT-CLASS-55-55 ..... c 06 N72-31140 *
US-PATENT-CLASS-55-66 ..... c 25 N80-23383 *
US-PATENT-CLASS-55-67 ..... c 23 N77-17161 *
US-PATENT-CLASS-55-67 ..... c 25 N80-23383 *
US-PATENT-CLASS-55-68 ..... c 25 N80-23383 *
US-PATENT-CLASS-55-68 ..... c 45 N91-14662 *
US-PATENT-CLASS-55-6 ..... c 35 N84-17555 *
US-PATENT-CLASS-55-72 ..... c 25 N80-23383 *
US-PATENT-CLASS-55-73 ..... c 45 N79-12584 *
US-PATENT-CLASS-55-74 ..... c 23 N77-17161 *

US-PATENT-CLASS-55-74 ..... c 45 N91-14662 *
US-PATENT-CLASS-55-75 ..... c 15 N71-26185 *
US-PATENT-CLASS-55-75 ..... c 54 N91-31803 * #
US-PATENT-CLASS-55-84 ..... c 45 N91-14662 *
US-PATENT-CLASS-55-89 ..... c 45 N91-14662 *
US-PATENT-CLASS-55-96 ..... c 35 N84-17555 *
US-PATENT-CLASS-552-101 ..... c 23 N91-17141 *
US-PATENT-CLASS-552-101 ..... c 23 N91-25185 *
US-PATENT-CLASS-552-108 ..... c 23 N91-25185 *
US-PATENT-CLASS-552-110 ..... c 23 N91-25185 *
US-PATENT-CLASS-552-113 ..... c 23 N91-25185 *
US-PATENT-CLASS-552-115 ..... c 23 N91-25185 *
US-PATENT-CLASS-556-402 ..... c 27 N90-21177 *
US-PATENT-CLASS-556-410 ..... c 25 N85-21280 *
US-PATENT-CLASS-556-436 ..... c 27 N86-21675 *
US-PATENT-CLASS-558-145 ..... c 23 N87-28605 *
US-PATENT-CLASS-558-190 ..... c 23 N87-28605 *
US-PATENT-CLASS-558-190 ..... c 23 N90-20133 *
US-PATENT-CLASS-558-193 ..... c 23 N87-28605 *
US-PATENT-CLASS-558-193 ..... c 23 N90-23475 *
US-PATENT-CLASS-558-80 ..... c 23 N88-24692 *
US-PATENT-CLASS-56-73 ..... c 74 N86-26190 *
US-PATENT-CLASS-560-104 ..... c 27 N87-16907 *
US-PATENT-CLASS-562-413 ..... c 25 N90-23497 *
US-PATENT-CLASS-562-415 ..... c 25 N90-23497 *
US-PATENT-CLASS-562-417 ..... c 25 N90-23497 *
US-PATENT-CLASS-562-827 ..... c 25 N93-29506 *
US-PATENT-CLASS-564-113 ..... c 23 N86-19376 *
US-PATENT-CLASS-564-13 ..... c 23 N88-24692 *
US-PATENT-CLASS-564-15 ..... c 27 N86-32568 * #
US-PATENT-CLASS-564-229 ..... c 27 N81-24256 *
US-PATENT-CLASS-564-229 ..... c 23 N82-28353 *
US-PATENT-CLASS-564-243 ..... c 27 N84-22744 *
US-PATENT-CLASS-564-243 ..... c 23 N86-21582 *
US-PATENT-CLASS-564-315 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-315 ..... c 27 N92-33015 *
US-PATENT-CLASS-564-323 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-330 ..... c 27 N87-22847 *
US-PATENT-CLASS-564-330 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-342 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-344 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-396 ..... c 27 N87-22847 *
US-PATENT-CLASS-564-396 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-417 ..... c 25 N93-29506 *
US-PATENT-CLASS-564-430 ..... c 27 N87-22847 *
US-PATENT-CLASS-564-430 ..... c 23 N89-12667 *
US-PATENT-CLASS-564-440 ..... c 25 N93-29506 *
US-PATENT-CLASS-568-14 ..... c 27 N86-32568 * #
US-PATENT-CLASS-568-2 ..... c 27 N82-18389 *
US-PATENT-CLASS-568-306 ..... c 25 N94-35077 *
US-PATENT-CLASS-568-30 ..... c 25 N94-35077 *
US-PATENT-CLASS-568-332 ..... c 25 N94-35077 *
US-PATENT-CLASS-568-34 ..... c 25 N94-35077 *
US-PATENT-CLASS-568-445 ..... c 23 N82-16174 *
US-PATENT-CLASS-568-497 ..... c 23 N82-16174 *
US-PATENT-CLASS-568-4 ..... c 27 N82-18389 *
US-PATENT-CLASS-568-4 ..... c 27 N84-22750 *
US-PATENT-CLASS-568-5 ..... c 27 N82-18389 *
US-PATENT-CLASS-568-5 ..... c 27 N84-22750 *
US-PATENT-CLASS-568-852 ..... c 27 N80-32514 *
US-PATENT-CLASS-568-861 ..... c 27 N80-32514 *
US-PATENT-CLASS-568-928 ..... c 25 N94-35077 *
US-PATENT-CLASS-57-906 ..... c 37 N82-18601 *
US-PATENT-CLASS-570-123 ..... c 25 N82-24312 *
US-PATENT-CLASS-570-128 ..... c 25 N94-35077 *
US-PATENT-CLASS-570-129 ..... c 25 N82-24312 *
US-PATENT-CLASS-58-24 ..... c 10 N71-26326 *
US-PATENT-CLASS-585-24 ..... c 27 N86-21675 *
US-PATENT-CLASS-60.39.08 ..... c 37 N79-11403 *
US-PATENT-CLASS-60-108 ..... c 33 N71-16104 *
US-PATENT-CLASS-60-1 ..... c 15 N72-33477 *
US-PATENT-CLASS-60-1 ..... c 15 N73-13467 *
US-PATENT-CLASS-60-200A ..... c 33 N72-25911 *
US-PATENT-CLASS-60-200A ..... c 33 N73-25952 *
US-PATENT-CLASS-60-200A ..... c 27 N78-17206 *
US-PATENT-CLASS-60-200R ..... c 20 N82-18314 *
US-PATENT-CLASS-60-200 ..... c 28 N71-14044 *
US-PATENT-CLASS-60-202 ..... c 28 N70-41922 *
US-PATENT-CLASS-60-202 ..... c 28 N71-10574 *
US-PATENT-CLASS-60-202 ..... c 25 N71-21694 *
US-PATENT-CLASS-60-202 ..... c 28 N71-21822 *
US-PATENT-CLASS-60-202 ..... c 28 N71-23081 *
US-PATENT-CLASS-60-202 ..... c 28 N71-23293 *
US-PATENT-CLASS-60-202 ..... c 28 N71-25213 *
US-PATENT-CLASS-60-202 ..... c 28 N71-26173 *
US-PATENT-CLASS-60-202 ..... c 28 N71-26642 *
US-PATENT-CLASS-60-202 ..... c 28 N71-26781 *
US-PATENT-CLASS-60-202 ..... c 28 N72-11709 *
US-PATENT-CLASS-60-202 ..... c 28 N72-22770 *
US-PATENT-CLASS-60-202 ..... c 28 N72-22771 *
US-PATENT-CLASS-60-202 ..... c 28 N73-24783 *
US-PATENT-CLASS-60-202 ..... c 25 N73-25760 *
US-PATENT-CLASS-60-202 ..... c 28 N73-27699 *
US-PATENT-CLASS-60-202 ..... c 20 N77-10148 *
US-PATENT-CLASS-60-202 ..... c 20 N77-20162 *
US-PATENT-CLASS-60-202 ..... c 20 N85-21256 *
US-PATENT-CLASS-60-202 ..... c 20 N89-25279 *
US-PATENT-CLASS-60-202 ..... c 20 N94-20496 *
US-PATENT-CLASS-60-203.1 ..... c 20 N86-26368 *
US-PATENT-CLASS-60-203.1 ..... c 20 N87-16875 *
US-PATENT-CLASS-60-203.1 ..... c 09 N88-28939 *
US-PATENT-CLASS-60-203 ..... c 20 N80-14188 *
US-PATENT-CLASS-60-204 ..... c 07 N78-17055 *
US-PATENT-CLASS-60-204 ..... c 07 N78-18067 *
US-PATENT-CLASS-60-204 ..... c 44 N81-24519 *
US-PATENT-CLASS-60-204 ..... c 20 N90-19298 *
US-PATENT-CLASS-60-204 ..... c 20 N92-15122 *
US-PATENT-CLASS-60-211 ..... c 28 N73-13773 *
US-PATENT-CLASS-60-214 ..... c 15 N74-27360 *
US-PATENT-CLASS-60-215 ..... c 06 N73-30097 *
US-PATENT-CLASS-60-215 ..... c 15 N74-27360 *
US-PATENT-CLASS-60-217 ..... c 12 N71-17631 *
US-PATENT-CLASS-60-223 ..... c 37 N93-14702 *
US-PATENT-CLASS-60-223 ..... c 20 N93-18856 *
US-PATENT-CLASS-60-225 ..... c 28 N71-10780 *
US-PATENT-CLASS-60-226.1 ..... c 07 N93-22034 *
US-PATENT-CLASS-60-226A ..... c 07 N77-17059 *
US-PATENT-CLASS-60-226A ..... c 07 N79-14096 *
US-PATENT-CLASS-60-226A ..... c 07 N79-14097 *
US-PATENT-CLASS-60-226A ..... c 07 N82-26293 *
US-PATENT-CLASS-60-226R ..... c 07 N78-18066 *
US-PATENT-CLASS-60-226R ..... c 07 N77-14025 *
US-PATENT-CLASS-60-226R ..... c 07 N77-28118 *
US-PATENT-CLASS-60-226R ..... c 07 N78-17055 *
US-PATENT-CLASS-60-226R ..... c 07 N78-17056 *
US-PATENT-CLASS-60-226R ..... c 07 N78-25089 *
US-PATENT-CLASS-60-226R ..... c 07 N79-14096 *
US-PATENT-CLASS-60-226R ..... c 07 N81-19116 *
US-PATENT-CLASS-60-228 ..... c 07 N77-17059 *
US-PATENT-CLASS-60-230 ..... c 07 N78-27121 *
US-PATENT-CLASS-60-236 ..... c 07 N81-19116 *
US-PATENT-CLASS-60-238 ..... c 07 N81-19116 *
US-PATENT-CLASS-60-239 ..... c 07 N81-19116 *
US-PATENT-CLASS-60-23 ..... c 09 N71-26182 *
US-PATENT-CLASS-60-23 ..... c 15 N72-12409 *
US-PATENT-CLASS-60-23 ..... c 21 N72-31637 *
US-PATENT-CLASS-60-23 ..... c 15 N73-13467 *
US-PATENT-CLASS-60-240 ..... c 28 N71-24736 *
US-PATENT-CLASS-60-240 ..... c 28 N73-13773 *
US-PATENT-CLASS-60-240 ..... c 07 N80-18039 *
US-PATENT-CLASS-60-240 ..... c 20 N92-10054 *
US-PATENT-CLASS-60-240 ..... c 20 N92-15122 *
US-PATENT-CLASS-60-243 ..... c 33 N71-21507 *
US-PATENT-CLASS-60-243 ..... c 15 N71-27432 *
US-PATENT-CLASS-60-243 ..... c 28 N73-13773 *
US-PATENT-CLASS-60-243 ..... c 20 N79-21124 *
US-PATENT-CLASS-60-243 ..... c 20 N92-15122 *
US-PATENT-CLASS-60-251 ..... c 28 N70-41311 *
US-PATENT-CLASS-60-251 ..... c 27 N71-21819 *
US-PATENT-CLASS-60-254 ..... c 28 N72-20758 *
US-PATENT-CLASS-60-254 ..... c 28 N73-24784 *
US-PATENT-CLASS-60-256 ..... c 28 N73-24784 *
US-PATENT-CLASS-60-257 ..... c 31 N70-41948 *
US-PATENT-CLASS-60-258 ..... c 15 N70-22192 * #
US-PATENT-CLASS-60-258 ..... c 28 N71-22983 *
US-PATENT-CLASS-60-258 ..... c 28 N71-28849 *
US-PATENT-CLASS-60-258 ..... c 28 N72-17843 *
US-PATENT-CLASS-60-258 ..... c 15 N72-25455 *
US-PATENT-CLASS-60-258 ..... c 20 N74-13502 *
US-PATENT-CLASS-60-258 ..... c 20 N87-14420 *
US-PATENT-CLASS-60-258 ..... c 20 N92-10054 *
US-PATENT-CLASS-60-258 ..... c 20 N94-20370 *
US-PATENT-CLASS-60-259 ..... c 28 N70-41275 *
US-PATENT-CLASS-60-259 ..... c 20 N74-13502 *
US-PATENT-CLASS-60-259 ..... c 34 N77-30399 *
US-PATENT-CLASS-60-259 ..... c 20 N80-14188 *
US-PATENT-CLASS-60-259 ..... c 05 N81-26114 *
US-PATENT-CLASS-60-259 ..... c 20 N90-19298 *
US-PATENT-CLASS-60-259 ..... c 20 N92-15122 *
US-PATENT-CLASS-60-259 ..... c 37 N93-14702 *
US-PATENT-CLASS-60-25 ..... c 15 N73-24513 *
US-PATENT-CLASS-60-25 ..... c 37 N74-21060 *
US-PATENT-CLASS-60-260 ..... c 28 N70-41992 *
US-PATENT-CLASS-60-260 ..... c 28 N72-18766 *
US-PATENT-CLASS-60-260 ..... c 20 N90-19298 *
US-PATENT-CLASS-60-261 ..... c 37 N78-17384 *
US-PATENT-CLASS-60-262 ..... c 37 N78-17384 *
US-PATENT-CLASS-60-262 ..... c 07 N78-18067 *
US-PATENT-CLASS-60-262 ..... c 07 N83-33884 *
US-PATENT-CLASS-60-263 ..... c 28 N71-24321 *
US-PATENT-CLASS-60-263 ..... c 07 N77-28118 *
US-PATENT-CLASS-60-264 ..... c 07 N80-32392 *
US-PATENT-CLASS-60-264 ..... c 20 N89-25279 *
US-PATENT-CLASS-60-265 ..... c 28 N71-20942 *
US-PATENT-CLASS-60-265 ..... c 33 N72-25911 *
US-PATENT-CLASS-60-265 ..... c 33 N73-25952 *
US-PATENT-CLASS-60-265 ..... c 20 N76-14191 *
US-PATENT-CLASS-60-266 ..... c 33 N71-28852 *
US-PATENT-CLASS-60-266 ..... c 28 N72-23810 *
US-PATENT-CLASS-60-267 ..... c 33 N71-29053 *
US-PATENT-CLASS-60-267 ..... c 33 N72-25911 *
US-PATENT-CLASS-60-267 ..... c 33 N73-25952 *
US-PATENT-CLASS-60-267 ..... c 28 N73-32606 *
US-PATENT-CLASS-60-267 ..... c 20 N76-14191 *
US-PATENT-CLASS-60-267 ..... c 34 N79-13288 *
US-PATENT-CLASS-60-267 ..... c 34 N79-13289 *
US-PATENT-CLASS-60-267 ..... c 34 N80-24573 *
US-PATENT-CLASS-60-267 ..... c 44 N81-24519 *
US-PATENT-CLASS-60-267 ..... c 05 N81-26114 *
US-PATENT-CLASS-60-269 ..... c 07 N83-33884 *
US-PATENT-CLASS-60-26 ..... c 21 N72-31637 *
US-PATENT-CLASS-60-26 ..... c 03 N73-20040 *
US-PATENT-CLASS-60-271 ..... c 28 N72-11708 *
US-PATENT-CLASS-60-271 ..... c 28 N72-23810 *
US-PATENT-CLASS-60-271 ..... c 07 N78-17055 *
US-PATENT-CLASS-60-271 ..... c 37 N78-17384 *
US-PATENT-CLASS-60-271 ..... c 07 N83-33884 *
US-PATENT-CLASS-60-271 ..... c 37 N93-14702 *
US-PATENT-CLASS-60-275 ..... c 35 N84-17555 *
US-PATENT-CLASS-60-291 ..... c 31 N73-13898 *
US-PATENT-CLASS-60-300 ..... c 28 N80-10374 *
US-PATENT-CLASS-60-303 ..... c 35 N84-17555 *
US-PATENT-CLASS-60-303 ..... c 37 N84-33808 *
US-PATENT-CLASS-60-311 ..... c 35 N84-17555 *
US-PATENT-CLASS-60-316 ..... c 34 N76-18364 *
US-PATENT-CLASS-60-35.3 ..... c 28 N70-33265 *
US-PATENT-CLASS-60-35.3 ..... c 28 N70-40367 *
US-PATENT-CLASS-60-35.54 ..... c 28 N70-34294 *
US-PATENT-CLASS-60-35.54 ..... c 28 N70-38645 *
US-PATENT-CLASS-60-35.54 ..... c 28 N71-29153 *
US-PATENT-CLASS-60-35.55 ..... c 28 N70-34162 *
US-PATENT-CLASS-60-35.55 ..... c 28 N70-38711 *
US-PATENT-CLASS-60-35.55 ..... c 21 N71-15582 *
US-PATENT-CLASS-60-35.55 ..... c 15 N71-28951 *
US-PATENT-CLASS-60-35.5 ..... c 28 N70-33356 *
US-PATENT-CLASS-60-35.5 ..... c 28 N70-34175 *
US-PATENT-CLASS-60-35.5 ..... c 28 N70-36802 *
US-PATENT-CLASS-60-35.5 ..... c 21 N70-36938 *
US-PATENT-CLASS-60-35.5 ..... c 25 N70-36946 *
US-PATENT-CLASS-60-35.5 ..... c 28 N70-37245 *
US-PATENT-CLASS-60-35.5 ..... c 28 N70-37980 *
US-PATENT-CLASS-60-35.5 ..... c 28 N71-14043 *
US-PATENT-CLASS-60-35.5 ..... c 28 N71-15661 *
US-PATENT-CLASS-60-35.60 ..... c 28 N71-15659 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-33284 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-33331 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-33374 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-33375 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-34860 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-35381 *
US-PATENT-CLASS-60-35.6 ..... c 27 N70-35534 *
US-PATENT-CLASS-60-35.6 ..... c 15 N70-36535 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-36806 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-36910 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-38249 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-38504 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-38505 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-38710 *
US-PATENT-CLASS-60-35.6 ..... c 28 N70-39899 *
US-PATENT-CLASS-60-35.6 ..... c 33 N71-15623 *
US-PATENT-CLASS-60-35.6 ..... c 27 N71-15634 *
US-PATENT-CLASS-60-35.6 ..... c 31 N71-15637 *
US-PATENT-CLASS-60-35.6 ..... c 31 N71-15647 *
US-PATENT-CLASS-60-35.6 ..... c 28 N71-15660 *
US-PATENT-CLASS-60-35.6 ..... c 14 N71-27186 *
US-PATENT-CLASS-60-36 ..... c 15 N72-33477 *
US-PATENT-CLASS-60-37 ..... c 15 N73-13467 *
US-PATENT-CLASS-60-39.02 ..... c 07 N86-20389 *
US-PATENT-CLASS-60-39.02 ..... c 34 N94-29740 *
US-PATENT-CLASS-60-39.03 ..... c 07 N77-23106 *
US-PATENT-CLASS-60-39.03 ..... c 07 N80-18039 *
US-PATENT-CLASS-60-39.06 ..... c 07 N80-26298 *
US-PATENT-CLASS-60-39.06 ..... c 07 N81-29129 *
US-PATENT-CLASS-60-39.07 ..... c 44 N78-32539 *
US-PATENT-CLASS-60-39.07 ..... c 07 N82-32366 *
US-PATENT-CLASS-60-39.07 ..... c 07 N83-36029 *
US-PATENT-CLASS-60-39.07 ..... c 07 N86-20389 *
US-PATENT-CLASS-60-39.091 .... c 37 N93-14702 *
US-PATENT-CLASS-60-39.12 ..... c 28 N91-14495 *
US-PATENT-CLASS-60-39.14 ..... c 44 N78-32539 *
US-PATENT-CLASS-60-39.14 ..... c 07 N79-10057 *
US-PATENT-CLASS-60-39.17 ..... c 07 N93-22034 *
US-PATENT-CLASS-60-39.182 .... c 28 N91-14495 *
US-PATENT-CLASS-60-39.23 ..... c 20 N76-14190 *
US-PATENT-CLASS-60-39.23 ..... c 07 N85-35195 *
US-PATENT-CLASS-60-39.24 ..... c 07 N81-19115 *
US-PATENT-CLASS-60-39.27 ..... c 07 N80-18039 *
US-PATENT-CLASS-60-39.28R ... c 28 N73-19793 *
US-PATENT-CLASS-60-39.28R ... c 07 N77-23106 *
US-PATENT-CLASS-60-39.28R ... c 37 N78-10467 *
US-PATENT-CLASS-60-39.28R ... c 37 N78-24545 *
US-PATENT-CLASS-60-39.28R ... c 37 N79-11403 *
US-PATENT-CLASS-60-39.281 .... c 20 N92-10054 *
US-PATENT-CLASS-60-39.29 ..... c 20 N76-14190 *
US-PATENT-CLASS-60-39.29 ..... c 35 N76-14431 *
US-PATENT-CLASS-60-39.29 ..... c 07 N82-32366 *
US-PATENT-CLASS-60-39.29 ..... c 07 N84-33410 *
US-PATENT-CLASS-60-39.31 ..... c 07 N78-18066 *

US-PATENT-CLASS-60-39.31 ..... c 07 N79-14096 *
US-PATENT-CLASS-60-39.33 ..... c 44 N78-32539 *
US-PATENT-CLASS-60-39.36 ..... c 28 N71-20330 *
US-PATENT-CLASS-60-39.36 ..... c 28 N71-28915 *
US-PATENT-CLASS-60-39.45 ..... c 34 N94-20588 *
US-PATENT-CLASS-60-39.46M ... c 20 N82-18314 *
US-PATENT-CLASS-60-39.465 .... c 20 N86-26368 *
US-PATENT-CLASS-60-39.46 ..... c 27 N71-15635 *
US-PATENT-CLASS-60-39.46 ..... c 15 N74-27360 *
US-PATENT-CLASS-60-39.47 ..... c 27 N71-16392 *
US-PATENT-CLASS-60-39.48 ..... c 28 N70-38199 *
US-PATENT-CLASS-60-39.48 ..... c 28 N70-39931 *
US-PATENT-CLASS-60-39.48 ..... c 27 N71-28929 *
US-PATENT-CLASS-60-39.51R ... c 25 N78-10224 *
US-PATENT-CLASS-60-39.52 ..... c 07 N78-25089 *
US-PATENT-CLASS-60-39.65 ..... c 28 N71-28915 *
US-PATENT-CLASS-60-39.65 ..... c 23 N73-30665 *
US-PATENT-CLASS-60-39.65 ..... c 34 N78-27357 *
US-PATENT-CLASS-60-39.66 ..... c 15 N70-36411 *
US-PATENT-CLASS-60-39.66 ..... c 23 N73-30665 *
US-PATENT-CLASS-60-39.66 ..... c 07 N77-23106 *
US-PATENT-CLASS-60-39.66 ..... c 37 N78-10467 *
US-PATENT-CLASS-60-39.66 ..... c 37 N79-11403 *
US-PATENT-CLASS-60-39.69R ... c 34 N78-27357 *
US-PATENT-CLASS-60-39.72 ..... c 23 N73-30665 *
US-PATENT-CLASS-60-39.74A ... c 15 N72-25455 *
US-PATENT-CLASS-60-39.74R ... c 23 N73-30665 *
US-PATENT-CLASS-60-39.74R ... c 20 N76-14190 *
US-PATENT-CLASS-60-39.74 ..... c 28 N70-33241 *
US-PATENT-CLASS-60-39.74 ..... c 28 N72-17843 *
US-PATENT-CLASS-60-39.74 ..... c 20 N79-21125 *
US-PATENT-CLASS-60-39.82E .... c 20 N78-24275 *
US-PATENT-CLASS-60-39.83 ..... c 07 N84-33410 *
US-PATENT-CLASS-60-39-48 ..... c 28 N72-11709 *
US-PATENT-CLASS-60-415 ..... c 85 N87-21755 *
US-PATENT-CLASS-60-508 ..... c 44 N79-18443 *
US-PATENT-CLASS-60-516 ..... c 20 N75-24837 *
US-PATENT-CLASS-60-516 ..... c 44 N82-24640 *
US-PATENT-CLASS-60-517 ..... c 44 N76-29701 *
US-PATENT-CLASS-60-517 ..... c 37 N81-25370 *
US-PATENT-CLASS-60-518 ..... c 37 N81-14318 *
US-PATENT-CLASS-60-518 ..... c 37 N81-17432 *
US-PATENT-CLASS-60-51 ..... c 15 N71-27754 *
US-PATENT-CLASS-60-520 ..... c 37 N80-31790 *
US-PATENT-CLASS-60-524 ..... c 44 N81-17518 *
US-PATENT-CLASS-60-525 ..... c 37 N81-25370 *
US-PATENT-CLASS-60-527 ..... c 44 N74-33379 *
US-PATENT-CLASS-60-527 ..... c 37 N77-12402 *
US-PATENT-CLASS-60-527 ..... c 37 N77-19458 *
US-PATENT-CLASS-60-527 ..... c 37 N78-31426 *
US-PATENT-CLASS-60-527 ..... c 37 N86-19604 *
US-PATENT-CLASS-60-527 ..... c 35 N88-29151 *
US-PATENT-CLASS-60-528 ..... c 37 N86-19604 *
US-PATENT-CLASS-60-530 ..... c 20 N75-24837 *
US-PATENT-CLASS-60-53 ..... c 37 N77-22479 *
US-PATENT-CLASS-60-54.5 ..... c 15 N71-10658 *
US-PATENT-CLASS-60-560 ..... c 35 N78-10428 *
US-PATENT-CLASS-60-572 ..... c 44 N79-18443 *
US-PATENT-CLASS-60-574 ..... c 35 N78-10428 *
US-PATENT-CLASS-60-606 ..... c 28 N80-10374 *
US-PATENT-CLASS-60-606 ..... c 37 N84-33808 *
US-PATENT-CLASS-60-632 ..... c 20 N80-18097 *
US-PATENT-CLASS-60-634 ..... c 37 N87-23983 *
US-PATENT-CLASS-60-638 ..... c 37 N87-23983 *
US-PATENT-CLASS-60-641.12 .... c 44 N84-23018 *
US-PATENT-CLASS-60-641.14 .... c 44 N82-24640 *
US-PATENT-CLASS-60-641.8 ..... c 44 N92-29143 *
US-PATENT-CLASS-60-641 ..... c 44 N75-32581 *
US-PATENT-CLASS-60-641 ..... c 44 N77-32582 *
US-PATENT-CLASS-60-641 ..... c 44 N78-17460 *
US-PATENT-CLASS-60-641 ..... c 44 N78-32542 *
US-PATENT-CLASS-60-641 ..... c 44 N79-18443 *
US-PATENT-CLASS-60-641 ..... c 44 N81-17518 *
US-PATENT-CLASS-60-645 ..... c 34 N79-20335 *
US-PATENT-CLASS-60-649 ..... c 34 N79-20335 *
US-PATENT-CLASS-60-659 ..... c 44 N75-32581 *
US-PATENT-CLASS-60-659 ..... c 44 N76-31667 *
US-PATENT-CLASS-60-659 ..... c 44 N92-29143 *
US-PATENT-CLASS-60-671 ..... c 44 N78-32542 *
US-PATENT-CLASS-60-698 ..... c 44 N84-23018 *
US-PATENT-CLASS-60-716 ..... c 44 N84-23018 *
US-PATENT-CLASS-60-721 ..... c 71 N79-20827 *
US-PATENT-CLASS-60-721 ..... c 71 N83-32515 *
US-PATENT-CLASS-60-721 ..... c 71 N83-32516 *
US-PATENT-CLASS-60-721 ..... c 71 N84-23233 *
US-PATENT-CLASS-60-726 ..... c 07 N81-29129 *
US-PATENT-CLASS-60-726 ..... c 07 N82-32366 *
US-PATENT-CLASS-60-730 ..... c 05 N81-26114 *
US-PATENT-CLASS-60-730 ..... c 37 N84-22958 *
US-PATENT-CLASS-60-730 ..... c 25 N90-11824 *
US-PATENT-CLASS-60-732 ..... c 25 N90-11824 *
US-PATENT-CLASS-60-733 ..... c 07 N80-26298 *
US-PATENT-CLASS-60-736 ..... c 37 N84-22958 *
US-PATENT-CLASS-60-736 ..... c 07 N86-20389 *
US-PATENT-CLASS-60-737 ..... c 07 N81-29129 *
US-PATENT-CLASS-60-741 ..... c 20 N94-20370 *
US-PATENT-CLASS-60-746 ..... c 07 N80-26298 *
US-PATENT-CLASS-60-746 ..... c 20 N87-14420 *
US-PATENT-CLASS-60-748 ..... c 07 N85-35195 *
US-PATENT-CLASS-60-757 ..... c 07 N84-24577 *
US-PATENT-CLASS-60-836 ..... c 24 N78-14096 *
US-PATENT-CLASS-60-97 ..... c 03 N71-12260 *
US-PATENT-CLASS-602-16 ..... c 54 N94-20493 *
US-PATENT-CLASS-602-26 ..... c 54 N94-20493 *
US-PATENT-CLASS-604-114 ..... c 52 N83-27577 *
US-PATENT-CLASS-604-151 ..... c 52 N83-27577 *
US-PATENT-CLASS-604-280 ..... c 52 N83-21785 *
US-PATENT-CLASS-604-28 ..... c 52 N94-20372 *
US-PATENT-CLASS-604-368 ..... c 54 N84-11758 *
US-PATENT-CLASS-604-378 ..... c 54 N84-11758 *
US-PATENT-CLASS-604-396 ..... c 54 N84-11758 *
US-PATENT-CLASS-604-4 ..... c 52 N94-20372 *
US-PATENT-CLASS-604-8 ..... c 52 N83-21785 *
US-PATENT-CLASS-606-106 ..... c 52 N92-33032 *
US-PATENT-CLASS-606-127 ..... c 52 N92-33032 *
US-PATENT-CLASS-606-78 ..... c 52 N92-33032 *
US-PATENT-CLASS-61-83 ..... c 18 N74-22136 *
US-PATENT-CLASS-62.224 ..... c 35 N92-29156 *
US-PATENT-CLASS-62-DIG.1 ..... c 34 N84-22903 *
US-PATENT-CLASS-62-DIG.5 ..... c 05 N81-26114 *
US-PATENT-CLASS-62-100 ..... c 34 N77-19353 *
US-PATENT-CLASS-62-100 ..... c 28 N78-24365 *
US-PATENT-CLASS-62-121 ..... c 34 N77-19353 *
US-PATENT-CLASS-62-128 ..... c 35 N84-28018 *
US-PATENT-CLASS-62-129 ..... c 31 N76-14284 *
US-PATENT-CLASS-62-12 ..... c 28 N81-14103 *
US-PATENT-CLASS-62-148 ..... c 44 N82-26776 *
US-PATENT-CLASS-62-15 ..... c 06 N70-34946 *
US-PATENT-CLASS-62-176 ..... c 05 N73-26071 *
US-PATENT-CLASS-62-18 ..... c 28 N81-14103 *
US-PATENT-CLASS-62-207 ..... c 05 N73-26071 *
US-PATENT-CLASS-62-209 ..... c 05 N73-26071 *
US-PATENT-CLASS-62-217 ..... c 31 N77-10229 *
US-PATENT-CLASS-62-235.1 ..... c 44 N82-26776 *
US-PATENT-CLASS-62-238.3 ..... c 44 N82-26776 *
US-PATENT-CLASS-62-239 ..... c 44 N82-26776 *
US-PATENT-CLASS-62-244 ..... c 44 N82-26776 *
US-PATENT-CLASS-62-259.3 ..... c 34 N94-20371 *
US-PATENT-CLASS-62-259 ..... c 05 N73-20137 *
US-PATENT-CLASS-62-259 ..... c 05 N73-26071 *
US-PATENT-CLASS-62-259 ..... c 54 N78-32721 *
US-PATENT-CLASS-62-264 ..... c 34 N84-22903 *
US-PATENT-CLASS-62-268 ..... c 14 N71-20427 *
US-PATENT-CLASS-62-268 ..... c 34 N79-20336 *
US-PATENT-CLASS-62-269 ..... c 34 N77-19353 *
US-PATENT-CLASS-62-285 ..... c 77 N75-20139 *
US-PATENT-CLASS-62-288 ..... c 77 N75-20139 *
US-PATENT-CLASS-62-289 ..... c 77 N75-20139 *
US-PATENT-CLASS-62-290 ..... c 77 N75-20139 *
US-PATENT-CLASS-62-295 ..... c 35 N83-32026 *
US-PATENT-CLASS-62-299 ..... c 34 N94-20371 *
US-PATENT-CLASS-62-2 ..... c 15 N71-15906 *
US-PATENT-CLASS-62-315 ..... c 34 N77-19353 *
US-PATENT-CLASS-62-317 ..... c 77 N75-20139 *
US-PATENT-CLASS-62-333 ..... c 34 N91-21473 *
US-PATENT-CLASS-62-335 ..... c 31 N93-13422 *
US-PATENT-CLASS-62-376 ..... c 31 N78-17237 *
US-PATENT-CLASS-62-376 ..... c 34 N79-20336 *
US-PATENT-CLASS-62-383 ..... c 33 N82-24419 *
US-PATENT-CLASS-62-384 ..... c 23 N71-24725 *
US-PATENT-CLASS-62-384 ..... c 31 N87-21159 *
US-PATENT-CLASS-62-384 ..... c 34 N91-21473 *
US-PATENT-CLASS-62-3 ..... c 20 N75-24837 *
US-PATENT-CLASS-62-3 ..... c 34 N78-17335 *
US-PATENT-CLASS-62-3 ..... c 34 N83-29625 *
US-PATENT-CLASS-62-3 ..... c 31 N85-29082 *
US-PATENT-CLASS-62-40 ..... c 15 N71-24044 *
US-PATENT-CLASS-62-40 ..... c 28 N81-14103 *
US-PATENT-CLASS-62-434 ..... c 31 N93-13422 *
US-PATENT-CLASS-62-45 ..... c 15 N70-33323 *
US-PATENT-CLASS-62-45 ..... c 31 N70-41871 *
US-PATENT-CLASS-62-45 ..... c 33 N71-25351 *
US-PATENT-CLASS-62-45 ..... c 33 N71-28892 *
US-PATENT-CLASS-62-45 ..... c 15 N73-12486 *
US-PATENT-CLASS-62-45 ..... c 35 N74-15093 *
US-PATENT-CLASS-62-45 ..... c 31 N89-29578 *
US-PATENT-CLASS-62-461 ..... c 31 N92-15203 *
US-PATENT-CLASS-62-467R ..... c 34 N84-22903 *
US-PATENT-CLASS-62-467 ..... c 33 N70-37979 *
US-PATENT-CLASS-62-467 ..... c 33 N71-17897 *
US-PATENT-CLASS-62-467 ..... c 05 N72-11084 *
US-PATENT-CLASS-62-467 ..... c 33 N72-25911 *
US-PATENT-CLASS-62-467 ..... c 33 N73-25952 *
US-PATENT-CLASS-62-467 ..... c 20 N75-24837 *
US-PATENT-CLASS-62-467 ..... c 31 N88-14223 *
US-PATENT-CLASS-62-467 ..... c 31 N89-12785 *
US-PATENT-CLASS-62-467 ..... c 31 N89-14351 *
US-PATENT-CLASS-62-467 ..... c 31 N90-21215 *
US-PATENT-CLASS-62-467 ..... c 31 N93-13422 *
US-PATENT-CLASS-62-467 ..... c 37 N94-20127 *
US-PATENT-CLASS-62-475 ..... c 23 N72-25619 *
US-PATENT-CLASS-62-476 ..... c 44 N82-26776 *
US-PATENT-CLASS-62-47 ..... c 28 N81-14103 *
US-PATENT-CLASS-62-48 ..... c 28 N78-24365 *
US-PATENT-CLASS-62-48 ..... c 31 N83-31897 *
US-PATENT-CLASS-62-48 ..... c 31 N87-21159 *
US-PATENT-CLASS-62-48 ..... c 31 N88-14223 *
US-PATENT-CLASS-62-48 ..... c 31 N89-29578 *
US-PATENT-CLASS-62-49 ..... c 31 N76-14284 *
US-PATENT-CLASS-62-4 ..... c 44 N77-32581 *
US-PATENT-CLASS-62-4 ..... c 44 N78-17460 *
US-PATENT-CLASS-62-50 ..... c 15 N70-34247 *
US-PATENT-CLASS-62-50 ..... c 35 N78-12390 *
US-PATENT-CLASS-62-51.2 ..... c 35 N92-29156 *
US-PATENT-CLASS-62-514 R ..... c 35 N83-32026 *
US-PATENT-CLASS-62-514-JT .... c 31 N89-14351 *
US-PATENT-CLASS-62-514-R ..... c 31 N87-21159 *
US-PATENT-CLASS-62-514-R ..... c 37 N87-23982 *
US-PATENT-CLASS-62-514-R ..... c 31 N89-12785 *
US-PATENT-CLASS-62-514JT ..... c 31 N77-10229 *
US-PATENT-CLASS-62-514R ..... c 35 N78-12390 *
US-PATENT-CLASS-62-514R ..... c 31 N78-17237 *
US-PATENT-CLASS-62-514R ..... c 31 N78-25256 *
US-PATENT-CLASS-62-514R ..... c 51 N79-10694 *
US-PATENT-CLASS-62-514R ..... c 31 N79-17029 *
US-PATENT-CLASS-62-514R ..... c 34 N79-20336 *
US-PATENT-CLASS-62-514R ..... c 35 N81-14287 *
US-PATENT-CLASS-62-514R ..... c 31 N83-31897 *
US-PATENT-CLASS-62-514R ..... c 34 N83-34221 *
US-PATENT-CLASS-62-514R ..... c 31 N88-14223 *
US-PATENT-CLASS-62-514 ..... c 23 N71-26654 *
US-PATENT-CLASS-62-51 ..... c 15 N72-17453 *
US-PATENT-CLASS-62-55.5 ..... c 11 N71-24964 *
US-PATENT-CLASS-62-55.5 ..... c 15 N72-22484 *
US-PATENT-CLASS-62-55 ..... c 15 N70-38020 *
US-PATENT-CLASS-62-55 ..... c 34 N77-30399 *
US-PATENT-CLASS-62-56 ..... c 05 N72-11084 *
US-PATENT-CLASS-62-59 ..... c 34 N94-20371 *
US-PATENT-CLASS-62-62 ..... c 34 N83-34221 *
US-PATENT-CLASS-62-6 ..... c 15 N69-23190 * #
US-PATENT-CLASS-62-6 ..... c 23 N71-15467 *
US-PATENT-CLASS-62-6 ..... c 15 N71-23025 *
US-PATENT-CLASS-62-6 ..... c 23 N72-25619 *
US-PATENT-CLASS-62-6 ..... c 37 N76-29590 *
US-PATENT-CLASS-62-6 ..... c 44 N76-29701 *
US-PATENT-CLASS-62-6 ..... c 44 N83-28574 *
US-PATENT-CLASS-62-6 ..... c 31 N85-21404 *
US-PATENT-CLASS-62-78 ..... c 51 N79-10694 *
US-PATENT-CLASS-62-7 ..... c 15 N73-12486 *
US-PATENT-CLASS-62-80 ..... c 23 N72-25619 *
US-PATENT-CLASS-62-85 ..... c 23 N72-25619 *
US-PATENT-CLASS-62-89 ..... c 05 N73-26071 *
US-PATENT-CLASS-62-90 ..... c 34 N91-21473 *
US-PATENT-CLASS-62-93 ..... c 15 N69-21465 * #
US-PATENT-CLASS-62-93 ..... c 03 N72-28025 *
US-PATENT-CLASS-62-93 ..... c 77 N75-20139 *
US-PATENT-CLASS-623-26 ..... c 27 N94-20359 *
US-PATENT-CLASS-623-43 ..... c 54 N94-20493 *
US-PATENT-CLASS-623-44 ..... c 54 N94-20493 *
US-PATENT-CLASS-623-57 ..... c 54 N93-14870 *
US-PATENT-CLASS-623-57 ..... c 54 N94-35115 *
US-PATENT-CLASS-623-59 ..... c 54 N94-35115 *
US-PATENT-CLASS-623-60 ..... c 54 N94-35115 *
US-PATENT-CLASS-623-62 ..... c 54 N91-32795 *
US-PATENT-CLASS-623-63 ..... c 54 N91-32795 *
US-PATENT-CLASS-623-65 ..... c 54 N93-14870 *
US-PATENT-CLASS-624-3.2 ..... c 31 N92-15203 *
US-PATENT-CLASS-624-467 ..... c 31 N92-15203 *
US-PATENT-CLASS-624-500 ..... c 31 N92-15203 *
US-PATENT-CLASS-624-51.2 ..... c 31 N92-15203 *
US-PATENT-CLASS-64-18 ..... c 15 N71-28467 *
US-PATENT-CLASS-64-27 ..... c 15 N71-28959 *
US-PATENT-CLASS-64-28 ..... c 15 N69-27505 * #
US-PATENT-CLASS-65-DIG.11 .... c 37 N74-21063 *
US-PATENT-CLASS-65-DIG.4 ..... c 71 N78-10837 *
US-PATENT-CLASS-65-DIG.7 ..... c 71 N78-10837 *
US-PATENT-CLASS-65-102 ..... c 71 N78-10837 *
US-PATENT-CLASS-65-108 ..... c 35 N77-24455 *
US-PATENT-CLASS-65-11.1 ..... c 31 N86-21718 *
US-PATENT-CLASS-65-12 ..... c 31 N86-21718 *
US-PATENT-CLASS-65-134 ..... c 71 N83-35781 *
US-PATENT-CLASS-65-134 ..... c 27 N87-21111 *
US-PATENT-CLASS-65-136 ..... c 27 N87-21111 *
US-PATENT-CLASS-65-13 ..... c 27 N87-21111 *
US-PATENT-CLASS-65-142 ..... c 31 N81-33319 *
US-PATENT-CLASS-65-142 ..... c 27 N82-28442 *
US-PATENT-CLASS-65-142 ..... c 31 N83-31896 *
US-PATENT-CLASS-65-142 ..... c 31 N83-35176 *
US-PATENT-CLASS-65-142 ..... c 71 N84-28568 *
US-PATENT-CLASS-65-142 ..... c 26 N86-32551 *
US-PATENT-CLASS-65-160 ..... c 71 N84-28568 *
US-PATENT-CLASS-65-1 ..... c 31 N86-21718 *
US-PATENT-CLASS-65-21.2 ..... c 26 N86-32551 *
US-PATENT-CLASS-65-21.3 ..... c 31 N83-35176 *
US-PATENT-CLASS-65-21.3 ..... c 71 N84-28568 *
US-PATENT-CLASS-65-21.4 ..... c 31 N81-33319 *
US-PATENT-CLASS-65-21.4 ..... c 27 N82-28442 *
US-PATENT-CLASS-65-21.4 ..... c 31 N83-35176 *

US-PATENT-CLASS-65-21.4 ..... c 71 N84-28568 *
US-PATENT-CLASS-65-21.4 ..... c 31 N91-32240 *
US-PATENT-CLASS-65-213 ..... c 71 N84-16940 *
US-PATENT-CLASS-65-214 ..... c 31 N83-31896 *
US-PATENT-CLASS-65-22 ..... c 31 N81-33319 *
US-PATENT-CLASS-65-22 ..... c 27 N82-28442 *
US-PATENT-CLASS-65-22 ..... c 31 N83-31896 *
US-PATENT-CLASS-65-22 ..... c 31 N83-35176 *
US-PATENT-CLASS-65-2 ..... c 71 N78-10837 *
US-PATENT-CLASS-65-2 ..... c 31 N86-21718 *
US-PATENT-CLASS-65-2 ..... c 27 N87-21111 *
US-PATENT-CLASS-65-30R ..... c 27 N78-32260 *
US-PATENT-CLASS-65-32 ..... c 71 N78-10837 *
US-PATENT-CLASS-65-3 ..... c 37 N75-26371 *
US-PATENT-CLASS-65-4B ..... c 71 N78-10837 *
US-PATENT-CLASS-65-43 ..... c 37 N75-15992 *
US-PATENT-CLASS-65-43 ..... c 24 N79-25143 *
US-PATENT-CLASS-65-59A ..... c 35 N77-24455 *
US-PATENT-CLASS-65-60D ..... c 27 N78-32260 *
US-PATENT-CLASS-65-61 ..... c 74 N80-24149 *
US-PATENT-CLASS-65-7 ..... c 18 N71-23088 *
US-PATENT-CLASS-65-87 ..... c 71 N78-10837 *
US-PATENT-CLASS-6554 ..... c 35 N77-24455 *
US-PATENT-CLASS-6564 ..... c 35 N77-24455 *
US-PATENT-CLASS-70-58 ..... c 33 N81-25299 *
US-PATENT-CLASS-71-98 ..... c 51 N83-17045 *
US-PATENT-CLASS-72-253 ..... c 15 N71-22797 *
US-PATENT-CLASS-72-258 ..... c 15 N73-13464 *
US-PATENT-CLASS-72-307 ..... c 15 N72-12408 *
US-PATENT-CLASS-72-324 ..... c 71 N86-21276 *
US-PATENT-CLASS-72-341 ..... c 71 N86-21276 *
US-PATENT-CLASS-72-34 ..... c 15 N71-21536 *
US-PATENT-CLASS-72-354 ..... c 15 N71-23811 *
US-PATENT-CLASS-72-363 ..... c 37 N76-14461 *
US-PATENT-CLASS-72-364 ..... c 15 N71-18579 *
US-PATENT-CLASS-72-369 ..... c 15 N71-24679 *
US-PATENT-CLASS-72-436 ..... c 37 N79-28550 *
US-PATENT-CLASS-72-447 ..... c 15 N73-13463 *
US-PATENT-CLASS-72-451 ..... c 37 N79-28550 *
US-PATENT-CLASS-72-453 ..... c 37 N76-18454 *
US-PATENT-CLASS-72-467 ..... c 15 N71-23817 *
US-PATENT-CLASS-72-46 ..... c 24 N75-33181 *
US-PATENT-CLASS-72-470 ..... c 37 N79-28550 *
US-PATENT-CLASS-72-476 ..... c 15 N73-13463 *
US-PATENT-CLASS-72-53 ..... c 15 N71-18616 *
US-PATENT-CLASS-72-53 ..... c 15 N73-32360 *
US-PATENT-CLASS-72-54 ..... c 37 N76-14461 *
US-PATENT-CLASS-72-56 ..... c 15 N70-34249 *
US-PATENT-CLASS-72-56 ..... c 15 N71-24833 *
US-PATENT-CLASS-72-56 ..... c 15 N71-24865 *
US-PATENT-CLASS-72-56 ..... c 15 N71-26148 *
US-PATENT-CLASS-72-60 ..... c 15 N71-24836 *
US-PATENT-CLASS-72-61 ..... c 15 N71-26346 *
US-PATENT-CLASS-72-63 ..... c 20 N75-18310 *
US-PATENT-CLASS-72-63 ..... c 37 N76-14461 *
US-PATENT-CLASS-72-750 ..... c 35 N88-24927 *
US-PATENT-CLASS-72-83 ..... c 15 N71-22723 *
US-PATENT-CLASS-73-DIG.11 .... c 35 N78-18390 *
US-PATENT-CLASS-73-1-DV ..... c 71 N86-21276 *
US-PATENT-CLASS-73-1-DV ..... c 71 N87-21653 *
US-PATENT-CLASS-73-1B ..... c 35 N76-24523 *
US-PATENT-CLASS-73-1B ..... c 35 N84-28019 *
US-PATENT-CLASS-73-1DV ..... c 14 N73-27379 *
US-PATENT-CLASS-73-1F ..... c 35 N74-21019 *
US-PATENT-CLASS-73-1H ..... c 33 N92-33021 *
US-PATENT-CLASS-73-1R ..... c 14 N71-29134 *
US-PATENT-CLASS-73-1R ..... c 35 N75-15932 *
US-PATENT-CLASS-73-1R ..... c 35 N76-15432 *
US-PATENT-CLASS-73-100 ..... c 15 N70-41993 *
US-PATENT-CLASS-73-100 ..... c 32 N72-25877 *
US-PATENT-CLASS-73-103 ..... c 15 N71-17696 *
US-PATENT-CLASS-73-103 ..... c 14 N72-27412 *
US-PATENT-CLASS-73-103 ..... c 14 N73-32323 *
US-PATENT-CLASS-73-103 ..... c 35 N76-18400 *
US-PATENT-CLASS-73-104 ..... c 35 N74-32879 *
US-PATENT-CLASS-73-105 ..... c 14 N70-34161 *
US-PATENT-CLASS-73-105 ..... c 14 N71-17586 *
US-PATENT-CLASS-73-115 ..... c 35 N79-14345 *
US-PATENT-CLASS-73-115 ..... c 07 N84-22559 *
US-PATENT-CLASS-73-116 ..... c 11 N70-33278 *
US-PATENT-CLASS-73-116 ..... c 11 N70-34844 *
US-PATENT-CLASS-73-116 ..... c 14 N70-40203 *
US-PATENT-CLASS-73-116 ..... c 11 N70-41677 *
US-PATENT-CLASS-73-116 ..... c 11 N71-10604 *
US-PATENT-CLASS-73-116 ..... c 31 N71-15643 *
US-PATENT-CLASS-73-117.1 ..... c 11 N72-27262 *
US-PATENT-CLASS-73-117.1 ..... c 09 N84-27749 *
US-PATENT-CLASS-73-117.4 ..... c 14 N71-20429 *
US-PATENT-CLASS-73-117.4 ..... c 28 N71-27094 *
US-PATENT-CLASS-73-117.4 ..... c 35 N75-29382 *
US-PATENT-CLASS-73-117 ..... c 14 N71-22965 *
US-PATENT-CLASS-73-118.1 ..... c 09 N94-10669 *
US-PATENT-CLASS-73-119R ..... c 09 N94-10669 *
US-PATENT-CLASS-73-12 ..... c 14 N71-23225 *
US-PATENT-CLASS-73-12 ..... c 14 N71-26161 *
US-PATENT-CLASS-73-12 ..... c 14 N72-16282 *
US-PATENT-CLASS-73-12 ..... c 14 N72-25411 *
US-PATENT-CLASS-73-12 ..... c 14 N73-32327 *
US-PATENT-CLASS-73-12 ..... c 35 N74-21062 *
US-PATENT-CLASS-73-12 ..... c 35 N75-33367 *
US-PATENT-CLASS-73-12 ..... c 75 N76-14931 *
US-PATENT-CLASS-73-12 ..... c 35 N77-18417 *
US-PATENT-CLASS-73-12 ..... c 43 N79-25443 *
US-PATENT-CLASS-73-12 ..... c 43 N80-14423 *
US-PATENT-CLASS-73-12 ..... c 43 N80-23711 *
US-PATENT-CLASS-73-12 ..... c 37 N84-33807 *
US-PATENT-CLASS-73-133R ..... c 35 N77-14407 *
US-PATENT-CLASS-73-133 ..... c 14 N71-23725 *
US-PATENT-CLASS-73-133 ..... c 15 N72-22482 *
US-PATENT-CLASS-73-134 ..... c 14 N70-40201 *
US-PATENT-CLASS-73-136R ..... c 15 N72-26371 *
US-PATENT-CLASS-73-136 ..... c 14 N70-34818 *
US-PATENT-CLASS-73-140 ..... c 11 N72-25288 *
US-PATENT-CLASS-73-141AB .... c 14 N72-33377 *
US-PATENT-CLASS-73-141A ..... c 14 N72-21405 *
US-PATENT-CLASS-73-141A ..... c 14 N72-22437 *
US-PATENT-CLASS-73-141A ..... c 35 N74-26945 *
US-PATENT-CLASS-73-141A ..... c 35 N74-27865 *
US-PATENT-CLASS-73-141A ..... c 35 N75-33369 *
US-PATENT-CLASS-73-141A ..... c 52 N81-20703 *
US-PATENT-CLASS-73-141 ..... c 14 N70-41957 *
US-PATENT-CLASS-73-141 ..... c 15 N71-20441 *
US-PATENT-CLASS-73-141 ..... c 14 N71-23790 *
US-PATENT-CLASS-73-141 ..... c 26 N71-25490 *
US-PATENT-CLASS-73-142 ..... c 15 N70-40180 *
US-PATENT-CLASS-73-142 ..... c 14 N71-20439 *
US-PATENT-CLASS-73-143 ..... c 35 N75-19615 *
US-PATENT-CLASS-73-143 ..... c 14 N75-24794 *
US-PATENT-CLASS-73-144 ..... c 15 N71-22878 *
US-PATENT-CLASS-73-147 ..... c 11 N70-33287 *
US-PATENT-CLASS-73-147 ..... c 14 N70-33386 *
US-PATENT-CLASS-73-147 ..... c 14 N70-34813 *
US-PATENT-CLASS-73-147 ..... c 11 N70-36913 *
US-PATENT-CLASS-73-147 ..... c 14 N70-40400 *
US-PATENT-CLASS-73-147 ..... c 14 N70-41366 *
US-PATENT-CLASS-73-147 ..... c 11 N71-15926 *
US-PATENT-CLASS-73-147 ..... c 09 N71-16086 *
US-PATENT-CLASS-73-147 ..... c 12 N71-20436 *
US-PATENT-CLASS-73-147 ..... c 09 N71-20816 *
US-PATENT-CLASS-73-147 ..... c 11 N71-21481 *
US-PATENT-CLASS-73-147 ..... c 11 N71-23030 *
US-PATENT-CLASS-73-147 ..... c 15 N71-27006 *
US-PATENT-CLASS-73-147 ..... c 15 N71-28740 *
US-PATENT-CLASS-73-147 ..... c 11 N71-33612 *
US-PATENT-CLASS-73-147 ..... c 11 N72-17183 *
US-PATENT-CLASS-73-147 ..... c 14 N72-21407 *
US-PATENT-CLASS-73-147 ..... c 11 N72-22246 *
US-PATENT-CLASS-73-147 ..... c 11 N73-12264 *
US-PATENT-CLASS-73-147 ..... c 14 N73-13415 *
US-PATENT-CLASS-73-147 ..... c 12 N73-25262 *
US-PATENT-CLASS-73-147 ..... c 12 N73-28144 *
US-PATENT-CLASS-73-147 ..... c 09 N74-17955 *
US-PATENT-CLASS-73-147 ..... c 34 N74-27730 *
US-PATENT-CLASS-73-147 ..... c 09 N75-12969 *
US-PATENT-CLASS-73-147 ..... c 09 N76-23273 *
US-PATENT-CLASS-73-147 ..... c 34 N76-27517 *
US-PATENT-CLASS-73-147 ..... c 09 N77-10071 *
US-PATENT-CLASS-73-147 ..... c 09 N78-31129 *
US-PATENT-CLASS-73-147 ..... c 35 N79-14347 *
US-PATENT-CLASS-73-147 ..... c 09 N79-21083 *
US-PATENT-CLASS-73-147 ..... c 02 N80-20224 *
US-PATENT-CLASS-73-147 ..... c 06 N81-17057 *
US-PATENT-CLASS-73-147 ..... c 09 N82-11088 *
US-PATENT-CLASS-73-147 ..... c 09 N82-23254 *
US-PATENT-CLASS-73-147 ..... c 71 N83-17235 *
US-PATENT-CLASS-73-147 ..... c 44 N83-21503 *
US-PATENT-CLASS-73-147 ..... c 44 N83-21504 *
US-PATENT-CLASS-73-147 ..... c 74 N83-21949 *
US-PATENT-CLASS-73-147 ..... c 35 N84-22934 *
US-PATENT-CLASS-73-147 ..... c 09 N84-34448 *
US-PATENT-CLASS-73-147 ..... c 09 N85-21178 *
US-PATENT-CLASS-73-147 ..... c 35 N86-32696 *
US-PATENT-CLASS-73-147 ..... c 34 N87-21255 *
US-PATENT-CLASS-73-147 ..... c 09 N87-25334 *
US-PATENT-CLASS-73-147 ..... c 35 N87-28884 *
US-PATENT-CLASS-73-147 ..... c 02 N88-23759 *
US-PATENT-CLASS-73-147 ..... c 02 N89-12551 *
US-PATENT-CLASS-73-147 ..... c 35 N89-12841 *
US-PATENT-CLASS-73-147 ..... c 35 N89-14423 *
US-PATENT-CLASS-73-147 ..... c 35 N90-17117 *
US-PATENT-CLASS-73-147 ..... c 35 N90-23707 *
US-PATENT-CLASS-73-147 ..... c 09 N91-14356 *
US-PATENT-CLASS-73-147 ..... c 09 N91-14357 *
US-PATENT-CLASS-73-147 ..... c 35 N92-10185 *
US-PATENT-CLASS-73-147 ..... c 35 N92-21586 *
US-PATENT-CLASS-73-147 ..... c 02 N92-21588 *
US-PATENT-CLASS-73-147 ..... c 35 N92-21710 *
US-PATENT-CLASS-73-147 ..... c 09 N93-11057 *
US-PATENT-CLASS-73-147 ..... c 02 N93-18275 *
US-PATENT-CLASS-73-147 ..... c 74 N93-22037 *
US-PATENT-CLASS-73-147 ..... c 09 N93-25996 *
US-PATENT-CLASS-73-147 ..... c 34 N93-26000 *
US-PATENT-CLASS-73-147 ..... c 34 N94-23077 *
US-PATENT-CLASS-73-147 ..... c 34 N94-23306 *
US-PATENT-CLASS-73-147 ..... c 34 N94-35074 *
US-PATENT-CLASS-73-147 ..... c 35 N94-35369 *
US-PATENT-CLASS-73-149 ..... c 14 N72-11363 *
US-PATENT-CLASS-73-149 ..... c 52 N74-10975 *
US-PATENT-CLASS-73-149 ..... c 35 N91-15511 *
US-PATENT-CLASS-73-149 ..... c 35 N91-21493 *
US-PATENT-CLASS-73-149 ..... c 35 N91-21495 *
US-PATENT-CLASS-73-15.4 ..... c 14 N71-17659 *
US-PATENT-CLASS-73-15.4 ..... c 35 N74-32879 *
US-PATENT-CLASS-73-15.6 ..... c 14 N70-35368 *
US-PATENT-CLASS-73-15.6 ..... c 14 N71-24234 *
US-PATENT-CLASS-73-15.6 ..... c 14 N71-26136 *
US-PATENT-CLASS-73-15.6 ..... c 32 N72-25877 *
US-PATENT-CLASS-73-15.6 ..... c 09 N74-19528 *
US-PATENT-CLASS-73-15.6 ..... c 35 N76-24523 *
US-PATENT-CLASS-73-15.6 ..... c 35 N77-22450 *
US-PATENT-CLASS-73-15.6 ..... c 39 N78-10493 *
US-PATENT-CLASS-73-15R ..... c 33 N72-25913 *
US-PATENT-CLASS-73-15R ..... c 14 N73-28486 *
US-PATENT-CLASS-73-15R ..... c 25 N74-18551 *
US-PATENT-CLASS-73-15R ..... c 31 N74-27900 *
US-PATENT-CLASS-73-15R ..... c 09 N77-27131 *
US-PATENT-CLASS-73-15R ..... c 74 N81-17887 *
US-PATENT-CLASS-73-150-A .... c 39 N86-20841 *
US-PATENT-CLASS-73-150R ..... c 35 N84-28018 *
US-PATENT-CLASS-73-155 ..... c 46 N80-10709 *
US-PATENT-CLASS-73-155 ..... c 46 N80-24906 *
US-PATENT-CLASS-73-159 ..... c 31 N79-11246 *
US-PATENT-CLASS-73-15 ..... c 14 N70-34156 *
US-PATENT-CLASS-73-15 ..... c 14 N71-15992 *
US-PATENT-CLASS-73-15 ..... c 14 N71-22964 *
US-PATENT-CLASS-73-15 ..... c 11 N71-24985 *
US-PATENT-CLASS-73-15 ..... c 11 N71-28629 *
US-PATENT-CLASS-73-161 ..... c 11 N72-25288 *
US-PATENT-CLASS-73-167 ..... c 15 N84-16231 *
US-PATENT-CLASS-73-167 ..... c 25 N91-32196 *
US-PATENT-CLASS-73-170.14 .... c 34 N94-23077 *
US-PATENT-CLASS-73-170A ..... c 35 N78-27384 *
US-PATENT-CLASS-73-170A ..... c 48 N80-18667 *
US-PATENT-CLASS-73-170R ..... c 07 N73-20175 *
US-PATENT-CLASS-73-170R ..... c 14 N73-28487 *
US-PATENT-CLASS-73-170R ..... c 14 N73-32327 *
US-PATENT-CLASS-73-170R ..... c 33 N74-27862 *
US-PATENT-CLASS-73-170R ..... c 35 N75-33367 *
US-PATENT-CLASS-73-170R ..... c 91 N76-30131 *
US-PATENT-CLASS-73-170R ..... c 06 N83-10040 *
US-PATENT-CLASS-73-170R ..... c 35 N84-28018 *
US-PATENT-CLASS-73-170R ..... c 19 N91-14412 *
US-PATENT-CLASS-73-170 ..... c 14 N71-14996 *
US-PATENT-CLASS-73-170 ..... c 17 N73-32415 *
US-PATENT-CLASS-73-178-R .... c 06 N84-34443 *
US-PATENT-CLASS-73-178-R .... c 06 N87-22678 *
US-PATENT-CLASS-73-178-R .... c 02 N88-23759 *
US-PATENT-CLASS-73-178-T .... c 09 N90-20096 *
US-PATENT-CLASS-73-178R ..... c 35 N75-29381 *
US-PATENT-CLASS-73-178R ..... c 04 N77-19056 *
US-PATENT-CLASS-73-178R ..... c 37 N78-27424 *
US-PATENT-CLASS-73-178R ..... c 35 N79-26372 *
US-PATENT-CLASS-73-178R ..... c 06 N81-17057 *
US-PATENT-CLASS-73-178R ..... c 04 N81-21047 *
US-PATENT-CLASS-73-178R ..... c 18 N81-29152 *
US-PATENT-CLASS-73-178R ..... c 06 N82-16075 *
US-PATENT-CLASS-73-178R ..... c 06 N83-10040 *
US-PATENT-CLASS-73-178R ..... c 06 N84-27733 *
US-PATENT-CLASS-73-178R ..... c 47 N92-29148 *
US-PATENT-CLASS-73-178R ..... c 34 N93-26000 *
US-PATENT-CLASS-73-178T ..... c 06 N86-27280 *
US-PATENT-CLASS-73-178T ..... c 04 N91-31120 *
US-PATENT-CLASS-73-178 ..... c 14 N70-36807 *
US-PATENT-CLASS-73-178 ..... c 14 N70-40157 *
US-PATENT-CLASS-73-179 ..... c 34 N85-21568 *
US-PATENT-CLASS-73-17 ..... c 06 N71-24607 *
US-PATENT-CLASS-73-180 ..... c 35 N78-14364 *
US-PATENT-CLASS-73-180 ..... c 02 N80-28300 *
US-PATENT-CLASS-73-180 ..... c 35 N89-12841 *
US-PATENT-CLASS-73-180 ..... c 34 N94-23077 *
US-PATENT-CLASS-73-182 ..... c 14 N73-13415 *
US-PATENT-CLASS-73-182 ..... c 35 N74-32878 *
US-PATENT-CLASS-73-182 ..... c 35 N76-14429 *
US-PATENT-CLASS-73-182 ..... c 02 N80-28300 *
US-PATENT-CLASS-73-182 ..... c 35 N92-21586 *
US-PATENT-CLASS-73-187 ..... c 35 N85-20295 *
US-PATENT-CLASS-73-188 ..... c 06 N80-18036 *
US-PATENT-CLASS-73-189 ..... c 20 N71-16281 *
US-PATENT-CLASS-73-189 ..... c 02 N71-23007 *
US-PATENT-CLASS-73-189 ..... c 14 N71-23726 *
US-PATENT-CLASS-73-189 ..... c 14 N73-13415 *
US-PATENT-CLASS-73-189 ..... c 14 N73-25460 *
US-PATENT-CLASS-73-189 ..... c 35 N76-24524 *
US-PATENT-CLASS-73-189 ..... c 34 N76-27517 *
US-PATENT-CLASS-73-189 ..... c 34 N77-27345 *
US-PATENT-CLASS-73-189 ..... c 34 N79-12359 *
US-PATENT-CLASS-73-189 ..... c 06 N80-18036 *
US-PATENT-CLASS-73-189 ..... c 47 N84-28292 *

US-PATENT-CLASS-74-81 ..... c 37 N78-16369 *
US-PATENT-CLASS-74-820 ..... c 37 N75-13266 *
US-PATENT-CLASS-74-83 ..... c 37 N78-16369 *
US-PATENT-CLASS-74-87 ..... c 35 N92-33010 *
US-PATENT-CLASS-74-89.15 ..... c 15 N71-26635 *
US-PATENT-CLASS-74-89.15 ..... c 15 N72-21462 *
US-PATENT-CLASS-74-89.15 ..... c 35 N87-21304 *
US-PATENT-CLASS-74-89.15 ..... c 37 N94-23078 *
US-PATENT-CLASS-74-89.15 ..... c 37 N94-29427 *
US-PATENT-CLASS-74-89.18 ..... c 15 N71-23809 *
US-PATENT-CLASS-74-89 ..... c 37 N81-33483 *
US-PATENT-CLASS-74-96 ..... c 37 N77-22482 *
US-PATENT-CLASS-75-.5B ..... c 17 N72-22530 *
US-PATENT-CLASS-75-DIG.1 ..... c 18 N72-25539 *
US-PATENT-CLASS-75-DIG.1 ..... c 37 N75-26371 *
US-PATENT-CLASS-75-0.5BB ..... c 15 N72-25448 *
US-PATENT-CLASS-75-122.7 ..... c 37 N77-19458 *
US-PATENT-CLASS-75-124 ..... c 26 N78-18182 *
US-PATENT-CLASS-75-124 ..... c 26 N80-32484 *
US-PATENT-CLASS-75-126D ..... c 26 N78-18182 *
US-PATENT-CLASS-75-126F ..... c 26 N78-18182 *
US-PATENT-CLASS-75-128G ..... c 26 N78-18182 *
US-PATENT-CLASS-75-128T ..... c 26 N78-18182 *
US-PATENT-CLASS-75-134D ..... c 76 N79-16678 *
US-PATENT-CLASS-75-135 ..... c 18 N73-32437 *
US-PATENT-CLASS-75-135 ..... c 24 N77-27187 *
US-PATENT-CLASS-75-135 ..... c 26 N80-23419 *
US-PATENT-CLASS-75-138 ..... c 26 N80-23419 *
US-PATENT-CLASS-75-139 ..... c 24 N77-27187 *
US-PATENT-CLASS-75-142 ..... c 17 N71-20743 *
US-PATENT-CLASS-75-170 ..... c 17 N71-15644 *
US-PATENT-CLASS-75-170 ..... c 17 N71-16025 *
US-PATENT-CLASS-75-170 ..... c 17 N71-23248 *
US-PATENT-CLASS-75-170 ..... c 17 N72-22535 *
US-PATENT-CLASS-75-170 ..... c 37 N77-19458 *
US-PATENT-CLASS-75-170 ..... c 26 N77-20201 *
US-PATENT-CLASS-75-170 ..... c 26 N77-32279 *
US-PATENT-CLASS-75-170 ..... c 26 N77-32280 *
US-PATENT-CLASS-75-170 ..... c 26 N78-18183 *
US-PATENT-CLASS-75-171 ..... c 17 N70-33283 *
US-PATENT-CLASS-75-171 ..... c 17 N70-36616 *
US-PATENT-CLASS-75-171 ..... c 17 N71-16026 *
US-PATENT-CLASS-75-171 ..... c 17 N73-32415 *
US-PATENT-CLASS-75-172 ..... c 17 N71-23365 *
US-PATENT-CLASS-75-173 ..... c 26 N75-27126 *
US-PATENT-CLASS-75-173 ..... c 26 N75-27127 *
US-PATENT-CLASS-75-178R ..... c 04 N76-20114 *
US-PATENT-CLASS-75-178R ..... c 26 N80-23419 *
US-PATENT-CLASS-75-20F ..... c 15 N72-11387 *
US-PATENT-CLASS-75-200 ..... c 26 N74-10521 *
US-PATENT-CLASS-75-200 ..... c 37 N74-13179 *
US-PATENT-CLASS-75-200 ..... c 24 N75-13032 *
US-PATENT-CLASS-75-200 ..... c 37 N75-26371 *
US-PATENT-CLASS-75-200 ..... c 24 N80-33482 *
US-PATENT-CLASS-75-202 ..... c 17 N71-15468 *
US-PATENT-CLASS-75-203 ..... c 27 N79-14213 *
US-PATENT-CLASS-75-204 ..... c 18 N71-22894 *
US-PATENT-CLASS-75-205 ..... c 27 N79-14213 *
US-PATENT-CLASS-75-206 ..... c 15 N72-25448 *
US-PATENT-CLASS-75-206 ..... c 27 N79-14213 *
US-PATENT-CLASS-75-208R ..... c 37 N75-26371 *
US-PATENT-CLASS-75-208 ..... c 18 N72-25539 *
US-PATENT-CLASS-75-211 ..... c 18 N72-25539 *
US-PATENT-CLASS-75-212 ..... c 37 N75-26371 *
US-PATENT-CLASS-75-212 ..... c 27 N79-14213 *
US-PATENT-CLASS-75-213 ..... c 15 N72-25448 *
US-PATENT-CLASS-75-213 ..... c 37 N74-13179 *
US-PATENT-CLASS-75-214 ..... c 37 N74-13179 *
US-PATENT-CLASS-75-214 ..... c 37 N75-26371 *
US-PATENT-CLASS-75-222 ..... c 28 N70-38197 *
US-PATENT-CLASS-75-222 ..... c 37 N75-26371 *
US-PATENT-CLASS-75-222 ..... c 24 N80-33482 *
US-PATENT-CLASS-75-225 ..... c 34 N76-27515 *
US-PATENT-CLASS-75-226 ..... c 18 N72-25539 *
US-PATENT-CLASS-75-226 ..... c 26 N74-10521 *
US-PATENT-CLASS-75-226 ..... c 37 N74-13179 *
US-PATENT-CLASS-75-226 ..... c 27 N79-14213 *
US-PATENT-CLASS-75-228 ..... c 24 N90-23493 *
US-PATENT-CLASS-75-229 ..... c 27 N78-17206 *
US-PATENT-CLASS-75-230 ..... c 26 N94-36275 *
US-PATENT-CLASS-75-239 ..... c 27 N78-17206 *
US-PATENT-CLASS-75-241 ..... c 27 N78-17206 *
US-PATENT-CLASS-75-25 ..... c 28 N81-15119 *
US-PATENT-CLASS-75-331 ..... c 31 N91-32240 *
US-PATENT-CLASS-75-338 ..... c 31 N91-32240 *
US-PATENT-CLASS-75-340 ..... c 31 N91-32240 *
US-PATENT-CLASS-75-342 ..... c 31 N91-32240 *
US-PATENT-CLASS-75-63 ..... c 15 N71-27184 *
US-PATENT-CLASS-75-65R ..... c 24 N77-27187 *
US-PATENT-CLASS-75-66 ..... c 17 N71-26773 *
US-PATENT-CLASS-75-66 ..... c 06 N73-13129 *
US-PATENT-CLASS-75-66 ..... c 17 N73-28573 *
US-PATENT-CLASS-77.5AQ ..... c 27 N81-15104 *
US-PATENT-CLASS-77.5CH ..... c 27 N81-15104 *
US-PATENT-CLASS-78-1 ..... c 15 N70-33330 *
US-PATENT-CLASS-788-704 ..... c 36 N79-18307 *
US-PATENT-CLASS-8-DIG.12 ..... c 27 N80-26446 *
US-PATENT-CLASS-8-DIG.18 ..... c 27 N80-26446 *
US-PATENT-CLASS-8-DIG.9 ..... c 25 N86-25428 *
US-PATENT-CLASS-8-115.5 ..... c 27 N80-26446 *
US-PATENT-CLASS-8-150 ..... c 09 N82-29330 *
US-PATENT-CLASS-8-3 ..... c 51 N77-27677 *
US-PATENT-CLASS-8-94.11 ..... c 51 N77-27677 *
US-PATENT-CLASS-8-94.12 ..... c 18 N71-15545 *
US-PATENT-CLASS-81-119 ..... c 37 N79-14383 *
US-PATENT-CLASS-81-177G ..... c 37 N85-21649 *
US-PATENT-CLASS-81-180B ..... c 37 N79-14383 *
US-PATENT-CLASS-81-3R ..... c 15 N71-29133 *
US-PATENT-CLASS-81-55 ..... c 37 N83-36482 *
US-PATENT-CLASS-81-56 ..... c 37 N76-20480 *
US-PATENT-CLASS-81-57.31 ..... c 37 N76-20480 *
US-PATENT-CLASS-81-57.38 ..... c 15 N73-30457 *
US-PATENT-CLASS-81-57.38 ..... c 37 N83-36482 *
US-PATENT-CLASS-81-63.1 ..... c 15 N71-17805 *
US-PATENT-CLASS-81-9.5R ..... c 37 N79-10419 *
US-PATENT-CLASS-81-90B ..... c 37 N79-14383 *
US-PATENT-CLASS-82-1.2 ..... c 37 N81-14319 *
US-PATENT-CLASS-82-1C ..... c 37 N81-14319 *
US-PATENT-CLASS-82-14 ..... c 15 N71-22722 *
US-PATENT-CLASS-82-24R ..... c 14 N72-16283 *
US-PATENT-CLASS-82-36R ..... c 37 N81-14319 *
US-PATENT-CLASS-82-90 ..... c 37 N85-21650 *
US-PATENT-CLASS-83-152 ..... c 76 N80-18951 *
US-PATENT-CLASS-83-203 ..... c 54 N91-26747 *
US-PATENT-CLASS-83-206 ..... c 54 N91-26747 *
US-PATENT-CLASS-83-277 ..... c 54 N91-26747 *
US-PATENT-CLASS-83-282 ..... c 54 N91-26747 *
US-PATENT-CLASS-83-451 ..... c 37 N77-14478 *
US-PATENT-CLASS-83-452 ..... c 39 N74-13131 *
US-PATENT-CLASS-83-467R ..... c 37 N77-14478 *
US-PATENT-CLASS-83-467 ..... c 15 N71-22798 *
US-PATENT-CLASS-83-522 ..... c 15 N72-27485 *
US-PATENT-CLASS-83-562 ..... c 15 N72-27485 *
US-PATENT-CLASS-83-563 ..... c 15 N72-27485 *
US-PATENT-CLASS-83-588 ..... c 15 N72-27485 *
US-PATENT-CLASS-83-602 ..... c 39 N74-13131 *
US-PATENT-CLASS-83-614 ..... c 54 N91-26747 *
US-PATENT-CLASS-83-649 ..... c 54 N91-26747 *
US-PATENT-CLASS-83-664 ..... c 37 N85-21650 *
US-PATENT-CLASS-83-676 ..... c 37 N85-21650 *
US-PATENT-CLASS-83-820 ..... c 37 N80-29703 *
US-PATENT-CLASS-83-870 ..... c 76 N80-18951 *
US-PATENT-CLASS-83-8 ..... c 15 N72-27485 *
US-PATENT-CLASS-83-917 ..... c 39 N74-13131 *
US-PATENT-CLASS-85-1 ..... c 15 N72-22488 *
US-PATENT-CLASS-85-33 ..... c 15 N71-15922 *
US-PATENT-CLASS-85-33 ..... c 15 N71-21489 *
US-PATENT-CLASS-85-3 ..... c 15 N71-17653 *
US-PATENT-CLASS-85-5B ..... c 15 N72-11385 *
US-PATENT-CLASS-85-7 ..... c 15 N71-23254 *
US-PATENT-CLASS-859R ..... c 27 N81-15104 *
US-PATENT-CLASS-86-1R ..... c 28 N77-10213 *
US-PATENT-CLASS-86-1R ..... c 20 N77-17143 *
US-PATENT-CLASS-86-1 ..... c 28 N71-26779 *
US-PATENT-CLASS-86-20.2 ..... c 28 N71-26779 *
US-PATENT-CLASS-86-20R ..... c 20 N77-17143 *
US-PATENT-CLASS-88-14 ..... c 14 N70-34298 *
US-PATENT-CLASS-88-14 ..... c 14 N70-40003 *
US-PATENT-CLASS-88-14 ..... c 14 N70-41946 *
US-PATENT-CLASS-88-14 ..... c 14 N70-41955 *
US-PATENT-CLASS-88-14 ..... c 09 N71-22999 *
US-PATENT-CLASS-88-16 ..... c 14 N70-33254 *
US-PATENT-CLASS-88-1 ..... c 21 N70-35427 *
US-PATENT-CLASS-88-1 ..... c 21 N71-22880 *
US-PATENT-CLASS-88-24 ..... c 23 N71-21882 *
US-PATENT-CLASS-89-1.14 ..... c 37 N87-23983 *
US-PATENT-CLASS-89-1.14 ..... c 37 N90-21390 *
US-PATENT-CLASS-89-1.14 ..... c 37 N91-32498 *
US-PATENT-CLASS-89-1.34 ..... c 03 N91-15142 *
US-PATENT-CLASS-89-1.5G ..... c 08 N82-32373 *
US-PATENT-CLASS-89-1.54 ..... c 05 N87-14314 *
US-PATENT-CLASS-89-1.57 ..... c 37 N85-30334 *
US-PATENT-CLASS-89-1.57 ..... c 37 N90-21390 *
US-PATENT-CLASS-89-1.57 ..... c 37 N91-32498 *
US-PATENT-CLASS-89-1.5 ..... c 31 N71-15675 *
US-PATENT-CLASS-89-1.5 ..... c 15 N71-24600 *
US-PATENT-CLASS-89-1.7 ..... c 11 N70-38202 *
US-PATENT-CLASS-89-1.7 ..... c 30 N70-40353 *
US-PATENT-CLASS-89-1.7 ..... c 03 N71-12258 *
US-PATENT-CLASS-89-1.7 ..... c 03 N71-12259 *
US-PATENT-CLASS-89-1.801 ..... c 20 N76-22296 *
US-PATENT-CLASS-89-1.806 ..... c 15 N71-24043 *
US-PATENT-CLASS-89-1.811 ..... c 15 N72-17455 *
US-PATENT-CLASS-89-1B ..... c 01 N83-35992 *
US-PATENT-CLASS-89-1 ..... c 03 N70-34667 *
US-PATENT-CLASS-89-1 ..... c 15 N71-16078 *
US-PATENT-CLASS-89-36.02 ..... c 24 N90-21822 *
US-PATENT-CLASS-89-36.02 ..... c 18 N92-15114 *
US-PATENT-CLASS-89-36.02 ..... c 27 N93-29088 *
US-PATENT-CLASS-89-36.11 ..... c 18 N92-15114 *
US-PATENT-CLASS-89-8 ..... c 11 N71-18578 *
US-PATENT-CLASS-89-8 ..... c 11 N73-32152 *
US-PATENT-CLASS-89-8 ..... c 75 N76-14931 *
US-PATENT-CLASS-89-8 ..... c 75 N76-17951 *
US-PATENT-CLASS-89-8 ..... c 09 N79-21084 *
US-PATENT-CLASS-89-8 ..... c 14 N92-15081 *
US-PATENT-CLASS-9-11A ..... c 02 N73-26006 *
US-PATENT-CLASS-9-11A ..... c 54 N74-14845 *
US-PATENT-CLASS-9-11 ..... c 05 N70-34857 *
US-PATENT-CLASS-9-2A ..... c 02 N73-26006 *
US-PATENT-CLASS-9-312 ..... c 05 N71-22748 *
US-PATENT-CLASS-9-316 ..... c 05 N70-36493 *
US-PATENT-CLASS-9-3 ..... c 02 N73-26006 *
US-PATENT-CLASS-9-8 ..... c 03 N70-36778 *
US-PATENT-CLASS-9-9 ..... c 15 N71-24600 *
US-PATENT-CLASS-90-11 ..... c 15 N71-33518 *
US-PATENT-CLASS-90-12.5 ..... c 37 N74-25968 *
US-PATENT-CLASS-90-12 ..... c 15 N71-22799 *
US-PATENT-CLASS-901-14 ..... c 37 N94-29556 *
US-PATENT-CLASS-901-14 ..... c 35 N94-29726 *
US-PATENT-CLASS-901-19 ..... c 33 N91-31528 *
US-PATENT-CLASS-901-19 ..... c 37 N94-10654 *
US-PATENT-CLASS-901-19 ..... c 37 N94-29556 *
US-PATENT-CLASS-901-19 ..... c 35 N94-29726 *
US-PATENT-CLASS-901-1 ..... c 18 N88-23828 *
US-PATENT-CLASS-901-1 ..... c 54 N92-29129 *
US-PATENT-CLASS-901-1 ..... c 37 N94-20494 * #
US-PATENT-CLASS-901-22 ..... c 27 N94-20359 *
US-PATENT-CLASS-901-23 ..... c 37 N92-33634 *
US-PATENT-CLASS-901-25 ..... c 37 N86-20789 *
US-PATENT-CLASS-901-28 ..... c 37 N91-17388 *
US-PATENT-CLASS-901-28 ..... c 37 N92-33634 *
US-PATENT-CLASS-901-30 ..... c 37 N91-31656 *
US-PATENT-CLASS-901-30 ..... c 37 N92-28727 *
US-PATENT-CLASS-901-30 ..... c 37 N93-29505 *
US-PATENT-CLASS-901-30 ..... c 37 N94-23082 *
US-PATENT-CLASS-901-31 ..... c 37 N86-19603 *
US-PATENT-CLASS-901-31 ..... c 37 N86-20789 *
US-PATENT-CLASS-901-33 ..... c 18 N88-23828 *
US-PATENT-CLASS-901-33 ..... c 37 N91-21542 *
US-PATENT-CLASS-901-37 ..... c 37 N91-21542 *
US-PATENT-CLASS-901-37 ..... c 27 N94-20359 *
US-PATENT-CLASS-901-38 ..... c 37 N90-20408 *
US-PATENT-CLASS-901-38 ..... c 37 N91-14615 *
US-PATENT-CLASS-901-39 ..... c 37 N90-20408 *
US-PATENT-CLASS-901-39 ..... c 37 N91-14615 *
US-PATENT-CLASS-901-39 ..... c 37 N92-29138 *
US-PATENT-CLASS-901-39 ..... c 37 N93-17625 *
US-PATENT-CLASS-901-40 ..... c 37 N92-33018 *
US-PATENT-CLASS-901-41 ..... c 37 N93-14710 *
US-PATENT-CLASS-901-41 ..... c 37 N93-18286 *
US-PATENT-CLASS-901-41 ..... c 37 N93-18288 *
US-PATENT-CLASS-901-41 ..... c 37 N93-29505 *
US-PATENT-CLASS-901-42 ..... c 37 N86-21850 *
US-PATENT-CLASS-901-46 ..... c 37 N92-28727 *
US-PATENT-CLASS-901-47 ..... c 37 N86-21850 *
US-PATENT-CLASS-901-47 ..... c 37 N91-21542 *
US-PATENT-CLASS-901-47 ..... c 63 N92-33019 *
US-PATENT-CLASS-901-47 ..... c 74 N94-35384 *
US-PATENT-CLASS-901-50 ..... c 37 N86-19603 *
US-PATENT-CLASS-901-6 ..... c 37 N92-22036 *
US-PATENT-CLASS-901-9 ..... c 37 N91-21544 *
US-PATENT-CLASS-901-9 ..... c 37 N92-33634 *
US-PATENT-CLASS-901-9 ..... c 37 N94-10654 *
US-PATENT-CLASS-901-9 ..... c 63 N94-29504 *
US-PATENT-CLASS-91-186 ..... c 05 N73-32014 *
US-PATENT-CLASS-91-325 ..... c 37 N81-32510 *
US-PATENT-CLASS-91-341R ..... c 37 N81-32510 *
US-PATENT-CLASS-91-361 ..... c 15 N71-27754 *
US-PATENT-CLASS-91-363A ..... c 15 N73-13466 *
US-PATENT-CLASS-91-390 ..... c 15 N71-27147 *
US-PATENT-CLASS-91-390 ..... c 15 N71-27754 *
US-PATENT-CLASS-91-410 ..... c 37 N81-32510 *
US-PATENT-CLASS-91-448 ..... c 15 N71-27754 *
US-PATENT-CLASS-91-448 ..... c 15 N73-13466 *
US-PATENT-CLASS-91-461 ..... c 15 N71-27147 *
US-PATENT-CLASS-92-103F ..... c 35 N91-21494 *
US-PATENT-CLASS-92-103M ..... c 35 N94-35369 *
US-PATENT-CLASS-92-103SD ..... c 35 N91-21494 *
US-PATENT-CLASS-92-130R ..... c 37 N81-33483 *
US-PATENT-CLASS-92-176 ..... c 37 N88-23981 *
US-PATENT-CLASS-92-208 ..... c 24 N87-27742 * #
US-PATENT-CLASS-92-212 ..... c 37 N88-23981 *
US-PATENT-CLASS-92-212 ..... c 37 N90-22042 *
US-PATENT-CLASS-92-213 ..... c 37 N90-22042 *
US-PATENT-CLASS-92-214 ..... c 37 N88-23981 *
US-PATENT-CLASS-92-222 ..... c 37 N88-23981 *
US-PATENT-CLASS-92-222 ..... c 37 N90-22042 *
US-PATENT-CLASS-92-224 ..... c 37 N88-23981 *
US-PATENT-CLASS-92-248 ..... c 37 N90-22042 *
US-PATENT-CLASS-92-37 ..... c 37 N82-24493 *
US-PATENT-CLASS-92-48 ..... c 27 N94-20359 *
US-PATENT-CLASS-92-49 ..... c 14 N73-13418 *
US-PATENT-CLASS-92-92 ..... c 27 N94-20359 *
US-PATENT-CLASS-92-94 ..... c 32 N70-41370 *
US-PATENT-CLASS-92-98R ..... c 31 N85-21404 *
US-PATENT-CLASS-93-1 ..... c 15 N70-33180 *
US-PATENT-CLASS-94.9N ..... c 27 N81-15104 *

US-PATENT-CLASS-95-1.1 ..... c 14 N72-18411 *
US-PATENT-CLASS-95-1.1 ..... c 14 N73-26431 *
US-PATENT-CLASS-95-11.5R ..... c 14 N73-19419 *
US-PATENT-CLASS-95-11.5 ..... c 14 N73-32319 *
US-PATENT-CLASS-95-11R ..... c 14 N73-19419 *
US-PATENT-CLASS-95-11 ..... c 14 N71-18465 *
US-PATENT-CLASS-95-11 ..... c 16 N71-33410 *
US-PATENT-CLASS-95-11 ..... c 14 N73-32319 *
US-PATENT-CLASS-95-12.5 ..... c 31 N72-25842 *
US-PATENT-CLASS-95-12.5 ..... c 14 N73-14427 *
US-PATENT-CLASS-95-12 ..... c 14 N73-33361 *
US-PATENT-CLASS-95-18 ..... c 14 N72-20380 *
US-PATENT-CLASS-95-42 ..... c 14 N73-32322 *
US-PATENT-CLASS-95-44 ..... c 14 N71-26474 *
US-PATENT-CLASS-95-53EA ..... c 33 N74-20861 *
US-PATENT-CLASS-95-53 ..... c 15 N71-21060 *
US-PATENT-CLASS-95-58 ..... c 14 N70-40273 *
US-PATENT-CLASS-95-59 ..... c 14 N73-14427 *
US-PATENT-CLASS-95-89R ..... c 35 N74-15831 *
US-PATENT-CLASS-96-27R ..... c 35 N79-10389 *
US-PATENT-CLASS-96-36.2 ..... c 06 N72-21094 *
US-PATENT-CLASS-96-36.2 ..... c 15 N72-25452 *
US-PATENT-CLASS-96-38.3 ..... c 35 N74-26946 *
US-PATENT-CLASS-96-49 ..... c 14 N71-17574 *
US-PATENT-CLASS-96-60R ..... c 35 N79-10389 *
US-PATENT-CLASS-96-79 ..... c 35 N74-26946 *
US-PATENT-CLASS-96-87A ..... c 27 N78-14164 *
US-PATENT-CLASS-96-90PC ..... c 14 N72-22443 *
US-PATENT-CLASS-98-1.5 ..... c 44 N78-32539 *
US-PATENT-CLASS-98-1 ..... c 54 N78-17679 *
US-PATENT-CLASS-98-39 ..... c 31 N74-27902 *
US-PATENT-CLASS-99-80PS ..... c 05 N72-33096 *

US-PATENT-DES-228,688 ..... c 05 N74-10907 *

US-PATENT-RE-26,548 ..... c 07 N71-12389 *
US-PATENT-RE-28,921 ..... c 52 N76-30793 *

US-PATENT-2,837,706 ..... c 15 N71-28952 *
US-PATENT-2,898,889 ..... c 02 N71-29128 *
US-PATENT-2,903,307 ..... c 15 N71-29136 *
US-PATENT-2,926,123 ..... c 33 N71-29151 *
US-PATENT-2,934,331 ..... c 15 N70-33382 *
US-PATENT-2,940,259 ..... c 28 N70-33241 *
US-PATENT-2,944,316 ..... c 15 N71-16076 *
US-PATENT-2,945,667 ..... c 15 N70-33376 *
US-PATENT-2,956,772 ..... c 33 N71-29152 *
US-PATENT-2,960,002 ..... c 14 N70-41946 *
US-PATENT-2,971,837 ..... c 17 N70-33283 *
US-PATENT-2,974,925 ..... c 28 N70-33372 *
US-PATENT-2,984,735 ..... c 11 N70-33329 *
US-PATENT-2,991,671 ..... c 15 N70-33330 *
US-PATENT-2,991,961 ..... c 02 N70-33332 *
US-PATENT-2,996,212 ..... c 31 N71-17680 *
US-PATENT-2,997,274 ..... c 28 N71-29154 *
US-PATENT-3,001,363 ..... c 28 N70-33331 *
US-PATENT-3,001,395 ..... c 14 N70-33386 *
US-PATENT-3,001,739 ..... c 03 N70-33343 *
US-PATENT-3,004,189 ..... c 37 N75-29426 *
US-PATENT-3,004,735 ..... c 14 N70-33322 *
US-PATENT-3,005,081 ..... c 09 N70-33312 *
US-PATENT-3,005,339 ..... c 11 N70-33287 *
US-PATENT-3,008,229 ..... c 15 N70-33311 *
US-PATENT-3,010,372 ..... c 15 N70-33180 *
US-PATENT-3,011,760 ..... c 15 N70-33226 *
US-PATENT-3,012,400 ..... c 28 N70-33374 *
US-PATENT-3,012,407 ..... c 15 N70-33323 *
US-PATENT-3,016,693 ..... c 28 N70-33356 *
US-PATENT-3,016,863 ..... c 12 N70-33305 *
US-PATENT-3,022,672 ..... c 14 N70-34816 *
US-PATENT-3,024,659 ..... c 14 N70-34820 *
US-PATENT-3,028,122 ..... c 02 N70-33286 *
US-PATENT-3,028,126 ..... c 21 N70-33279 *
US-PATENT-3,028,128 ..... c 31 N70-33242 *
US-PATENT-3,035,333 ..... c 28 N70-41818 *
US-PATENT-3,038,077 ..... c 21 N70-33181 *
US-PATENT-3,038,175 ..... c 05 N70-33285 *
US-PATENT-3,041,587 ..... c 14 N70-33179 *
US-PATENT-3,041,924 ..... c 14 N70-33254 *
US-PATENT-3,045,424 ..... c 28 N70-40367 *
US-PATENT-3,049,876 ..... c 28 N70-33284 *
US-PATENT-3,053,484 ..... c 02 N70-33255 *
US-PATENT-3,057,597 ..... c 15 N70-33264 *
US-PATENT-3,059,220 ..... c 09 N70-33182 *
US-PATENT-3,063,291 ..... c 11 N70-33278 *
US-PATENT-3,064,928 ..... c 02 N70-33266 *
US-PATENT-3,067,573 ..... c 28 N70-39899 *
US-PATENT-3,068,658 ..... c 15 N70-34247 *
US-PATENT-3,069,123 ..... c 14 N70-39898 *
US-PATENT-3,070,330 ..... c 21 N70-34539 *
US-PATENT-3,070,349 ..... c 28 N70-39895 *
US-PATENT-3,070,407 ..... c 15 N70-39896 *
US-PATENT-3,072,574 ..... c 18 N70-39897 *
US-PATENT-3,076,065 ..... c 09 N70-39915 *
US-PATENT-3,077,599 ..... c 07 N70-40202 *
US-PATENT-3,079,113 ..... c 02 N70-38009 *
US-PATENT-3,080,711 ..... c 28 N70-38711 *
US-PATENT-3,083,611 ..... c 21 N70-35427 *
US-PATENT-3,084,421 ..... c 17 N70-38490 *
US-PATENT-3,085,165 ..... c 09 N70-34819 *
US-PATENT-3,087,692 ..... c 02 N70-34178 *
US-PATENT-3,088,441 ..... c 15 N70-35409 *
US-PATENT-3,090,212 ..... c 33 N70-37979 *
US-PATENT-3,090,580 ..... c 31 N70-37924 *
US-PATENT-3,093,000 ..... c 15 N70-37925 *
US-PATENT-3,093,346 ..... c 31 N70-37938 *
US-PATENT-3,098,630 ..... c 02 N70-37939 *
US-PATENT-3,100,294 ..... c 09 N70-38998 *
US-PATENT-3,100,990 ..... c 14 N70-34813 *
US-PATENT-3,102,948 ..... c 15 N70-34814 *
US-PATENT-3,104,079 ..... c 31 N70-37986 *
US-PATENT-3,104,082 ..... c 02 N70-38011 *
US-PATENT-3,105,515 ..... c 15 N70-38603 *
US-PATENT-3,106,603 ..... c 09 N70-38201 *
US-PATENT-3,108,171 ..... c 33 N70-34812 *
US-PATENT-3,110,318 ..... c 12 N70-38997 *
US-PATENT-3,112,672 ..... c 11 N70-38202 *
US-PATENT-3,115,630 ..... c 31 N70-37981 *
US-PATENT-3,118,100 ..... c 03 N71-29129 *
US-PATENT-3,119,086 ..... c 35 N79-33449 *
US-PATENT-3,119,232 ..... c 28 N70-37980 *
US-PATENT-3,120,101 ..... c 28 N70-34860 *
US-PATENT-3,120,361 ..... c 31 N70-38010 *
US-PATENT-3,120,738 ..... c 28 N70-38249 *
US-PATENT-3,121,309 ..... c 28 N70-35381 *
US-PATENT-3,122,000 ..... c 15 N70-38020 *
US-PATENT-3,122,098 ..... c 28 N70-38181 *
US-PATENT-3,122,885 ..... c 28 N70-38710 *
US-PATENT-3,123,248 ..... c 11 N70-38182 *
US-PATENT-3,123,418 ..... c 37 N79-33467 *
US-PATENT-3,123,692 ..... c 33 N79-33393 *
US-PATENT-3,127,157 ..... c 15 N70-38225 *
US-PATENT-3,128,389 ..... c 09 N70-38604 *
US-PATENT-3,128,845 ..... c 15 N70-38601 *
US-PATENT-3,130,940 ..... c 33 N70-33344 *
US-PATENT-3,131,040 ..... c 37 N79-21345 *
US-PATENT-3,132,342 ..... c 07 N70-38200 *
US-PATENT-3,132,476 ..... c 28 N70-34294 *
US-PATENT-3,132,479 ..... c 15 N71-28951 *
US-PATENT-3,132,903 ..... c 15 N70-38620 *
US-PATENT-3,134,389 ..... c 37 N79-33468 *
US-PATENT-3,135,089 ..... c 28 N70-38504 *
US-PATENT-3,135,090 ..... c 28 N70-38505 *
US-PATENT-3,136,123 ..... c 28 N70-38199 *
US-PATENT-3,138,837 ..... c 17 N70-38198 *
US-PATENT-3,139,725 ..... c 28 N70-38645 *
US-PATENT-3,140,728 ..... c 15 N70-36908 *
US-PATENT-3,141,340 ..... c 11 N70-38196 *
US-PATENT-3,141,769 ..... c 28 N70-38197 *
US-PATENT-3,141,932 ..... c 03 N70-38713 *
US-PATENT-3,143,321 ..... c 15 N70-34850 *
US-PATENT-3,143,651 ..... c 14 N70-40240 *
US-PATENT-3,144,219 ..... c 31 N70-38676 *
US-PATENT-3,144,999 ..... c 02 N70-34856 *
US-PATENT-3,145,874 ..... c 11 N71-15960 *
US-PATENT-3,147,422 ..... c 09 N70-38712 *
US-PATENT-3,149,897 ..... c 09 N70-36494 *
US-PATENT-3,150,329 ..... c 09 N70-38995 *
US-PATENT-3,150,387 ..... c 03 N70-36778 *
US-PATENT-3,152,344 ..... c 05 N70-36493 *
US-PATENT-3,155,992 ..... c 05 N70-34857 *
US-PATENT-3,156,090 ..... c 28 N70-37245 *
US-PATENT-3,157,529 ..... c 18 N70-36400 *
US-PATENT-3,158,172 ..... c 15 N70-34817 *
US-PATENT-3,158,336 ..... c 31 N70-36410 *
US-PATENT-3,158,764 ..... c 03 N70-36803 *
US-PATENT-3,159,967 ..... c 28 N70-36802 *
US-PATENT-3,160,825 ..... c 14 N70-35220 *
US-PATENT-3,160,950 ..... c 15 N70-36409 *
US-PATENT-3,162,012 ..... c 15 N70-36411 *
US-PATENT-3,163,935 ..... c 14 N70-36907 *
US-PATENT-3,164,222 ..... c 15 N70-34861 *
US-PATENT-3,164,369 ..... c 15 N70-36412 *
US-PATENT-3,165,356 ..... c 05 N70-35152 *
US-PATENT-3,166,834 ..... c 15 N70-36901 *
US-PATENT-3,167,426 ..... c 17 N70-36616 *
US-PATENT-3,168,827 ..... c 14 N70-36807 *
US-PATENT-3,169,001 ..... c 02 N70-36825 *
US-PATENT-3,169,613 ..... c 15 N70-36947 *
US-PATENT-3,169,725 ..... c 31 N70-34296 *
US-PATENT-3,170,286 ..... c 15 N70-36535 *
US-PATENT-3,170,290 ..... c 28 N70-36910 *
US-PATENT-3,170,295 ..... c 27 N71-28929 *
US-PATENT-3,170,324 ..... c 14 N70-36824 *
US-PATENT-3,170,471 ..... c 32 N70-36536 *
US-PATENT-3,170,486 ..... c 15 N70-36492 *
US-PATENT-3,170,605 ..... c 15 N70-38996 *
US-PATENT-3,170,657 ..... c 02 N70-34858 *
US-PATENT-3,170,660 ..... c 02 N70-36804 *
US-PATENT-3,170,773 ..... c 17 N70-33288 *
US-PATENT-3,171,060 ..... c 25 N70-33267 *
US-PATENT-3,171,081 ..... c 14 N70-35666 *
US-PATENT-3,172,097 ..... c 08 N70-35423 *
US-PATENT-3,173,246 ..... c 28 N70-33265 *
US-PATENT-3,173,251 ..... c 28 N70-33375 *
US-PATENT-3,173,801 ..... c 32 N79-19186 *
US-PATENT-3,174,278 ..... c 25 N70-36946 *
US-PATENT-3,174,279 ..... c 28 N70-36806 *
US-PATENT-3,174,827 ..... c 26 N70-36805 *
US-PATENT-3,175,789 ..... c 31 N70-36654 *
US-PATENT-3,176,222 ..... c 14 N70-36618 *
US-PATENT-3,176,499 ..... c 14 N70-35368 *
US-PATENT-3,176,933 ..... c 33 N70-36617 *
US-PATENT-3,177,933 ..... c 33 N70-36847 *
US-PATENT-3,178,883 ..... c 21 N70-36938 *
US-PATENT-3,180,264 ..... c 33 N70-36846 *
US-PATENT-3,180,587 ..... c 21 N70-36943 *
US-PATENT-3,181,821 ..... c 31 N70-36845 *
US-PATENT-3,182,496 ..... c 11 N70-36913 *
US-PATENT-3,183,506 ..... c 07 N70-36911 *
US-PATENT-3,185,023 ..... c 14 N70-34298 *
US-PATENT-3,187,583 ..... c 11 N70-38675 *
US-PATENT-3,188,472 ..... c 21 N70-34297 *
US-PATENT-3,188,844 ..... c 15 N70-34249 *
US-PATENT-3,189,299 ..... c 21 N70-34295 *
US-PATENT-3,189,535 ..... c 15 N70-34967 *
US-PATENT-3,189,726 ..... c 33 N70-34545 *
US-PATENT-3,189,784 ..... c 33 N75-27250 *
US-PATENT-3,189,794 ..... c 09 N70-34502 *
US-PATENT-3,189,864 ..... c 09 N70-34596 *
US-PATENT-3,190,124 ..... c 35 N79-33450 *
US-PATENT-3,191,316 ..... c 31 N70-34966 *
US-PATENT-3,191,379 ..... c 27 N70-35534 *
US-PATENT-3,191,907 ..... c 15 N70-34859 *
US-PATENT-3,192,730 ..... c 06 N70-34946 *
US-PATENT-3,193,883 ..... c 27 N70-34783 *
US-PATENT-3,194,060 ..... c 14 N70-34794 *
US-PATENT-3,194,525 ..... c 11 N70-35383 *
US-PATENT-3,194,951 ..... c 08 N70-34778 *
US-PATENT-3,196,261 ..... c 08 N70-34787 *
US-PATENT-3,196,362 ..... c 09 N70-35440 *
US-PATENT-3,196,557 ..... c 11 N70-34815 *
US-PATENT-3,196,558 ..... c 14 N70-35394 *
US-PATENT-3,196,598 ..... c 28 N70-34788 *
US-PATENT-3,196,675 ..... c 14 N70-34818 *
US-PATENT-3,196,690 ..... c 11 N70-34786 *
US-PATENT-3,197,616 ..... c 14 N71-28958 *
US-PATENT-3,198,955 ..... c 08 N70-34743 *
US-PATENT-3,198,994 ..... c 26 N73-28710 *
US-PATENT-3,199,340 ..... c 14 N70-34799 *
US-PATENT-3,199,343 ..... c 11 N70-34844 *
US-PATENT-3,199,931 ..... c 15 N70-34664 *
US-PATENT-3,200,706 ..... c 03 N70-34667 *
US-PATENT-3,201,560 ..... c 33 N70-34540 *
US-PATENT-3,201,635 ..... c 25 N70-34661 *
US-PATENT-3,201,980 ..... c 14 N70-40203 *
US-PATENT-3,202,381 ..... c 31 N70-34176 *
US-PATENT-3,202,398 ..... c 28 N71-28928 *
US-PATENT-3,202,844 ..... c 03 N70-34134 *
US-PATENT-3,202,915 ..... c 14 N70-38602 *
US-PATENT-3,202,998 ..... c 31 N70-34135 *
US-PATENT-3,204,447 ..... c 14 N70-34156 *
US-PATENT-3,204,889 ..... c 03 N70-34157 *
US-PATENT-3,205,361 ..... c 14 N70-34158 *
US-PATENT-3,205,362 ..... c 21 N70-35089 *
US-PATENT-3,205,381 ..... c 03 N70-35408 *
US-PATENT-3,206,141 ..... c 21 N70-35395 *
US-PATENT-3,206,897 ..... c 18 N75-27040 *
US-PATENT-3,208,215 ..... c 28 N70-34162 *
US-PATENT-3,208,272 ..... c 14 N70-34161 *
US-PATENT-3,208,694 ..... c 02 N70-34160 *
US-PATENT-3,208,707 ..... c 31 N70-34159 *
US-PATENT-3,209,360 ..... c 09 N70-35219 *
US-PATENT-3,209,361 ..... c 09 N70-35425 *
US-PATENT-3,210,927 ..... c 28 N70-34175 *
US-PATENT-3,211,169 ..... c 15 N70-35087 *
US-PATENT-3,211,414 ..... c 15 N70-35407 *
US-PATENT-3,212,096 ..... c 09 N70-35382 *
US-PATENT-3,212,259 ..... c 28 N71-29153 *
US-PATENT-3,212,325 ..... c 14 N70-34705 *
US-PATENT-3,212,564 ..... c 33 N71-29052 *
US-PATENT-3,215,313 ..... c 31 N79-21225 *
US-PATENT-3,215,572 ..... c 12 N70-40124 *
US-PATENT-3,216,007 ..... c 08 N70-40125 *
US-PATENT-3,217,624 ..... c 14 N70-40273 *
US-PATENT-3,218,479 ..... c 09 N70-40272 *
US-PATENT-3,218,547 ..... c 09 N70-40123 *
US-PATENT-3,218,850 ..... c 14 N70-40400 *
US-PATENT-3,219,250 ..... c 15 N70-40204 *
US-PATENT-3,219,365 ..... c 15 N71-28937 *
US-PATENT-3,219,997 ..... c 08 N73-28045 *
US-PATENT-3,220,004 ..... c 30 N70-40309 *
US-PATENT-3,221,547 ..... c 14 N70-40201 *
US-PATENT-3,221,549 ..... c 14 N70-40157 *
US-PATENT-3,223,374 ..... c 15 N70-40156 *
US-PATENT-3,224,001 ..... c 07 N70-40063 *
US-PATENT-3,224,173 ..... c 15 N70-40062 *
US-PATENT-3,224,263 ..... c 15 N70-40180 *

US-PATENT-3,224,336 ..... c 30 N70-40353 *
US-PATENT-3,224,337 ..... c 09 N79-21084 *
US-PATENT-3,228,492 ..... c 15 N70-40354 *
US-PATENT-3,228,558 ..... c 14 N70-40233 *
US-PATENT-3,229,099 ..... c 14 N70-40238 *
US-PATENT-3,229,102 ..... c 14 N70-40239 *
US-PATENT-3,229,139 ..... c 28 N70-39925 *
US-PATENT-3,229,155 ..... c 25 N70-41628 *
US-PATENT-3,229,463 ..... c 28 N70-39931 *
US-PATENT-3,229,568 ..... c 14 N70-40003 *
US-PATENT-3,229,636 ..... c 03 N70-39930 *
US-PATENT-3,229,682 ..... c 09 N70-40234 *
US-PATENT-3,229,689 ..... c 05 N70-39922 *
US-PATENT-3,229,884 ..... c 15 N70-39924 *
US-PATENT-3,229,905 ..... c 04 N78-17031 *
US-PATENT-3,229,930 ..... c 30 N70-40016 *
US-PATENT-3,230,053 ..... c 26 N70-40015 *
US-PATENT-3,233,862 ..... c 37 N79-33469 *
US-PATENT-3,236,066 ..... c 15 N71-28959 *
US-PATENT-3,237,253 ..... c 15 N71-15966 *
US-PATENT-3,238,345 ..... c 11 N71-15925 *
US-PATENT-3,238,413 ..... c 25 N71-29184 *
US-PATENT-3,238,715 ..... c 28 N71-14043 *
US-PATENT-3,238,730 ..... c 03 N71-12260 *
US-PATENT-3,238,774 ..... c 14 N71-14996 *
US-PATENT-3,238,777 ..... c 14 N71-15598 *
US-PATENT-3,239,660 ..... c 23 N71-30292 *
US-PATENT-3,242,716 ..... c 14 N71-15992 *
US-PATENT-3,243,154 ..... c 23 N71-15673 *
US-PATENT-3,243,791 ..... c 07 N71-11298 *
US-PATENT-3,244,943 ..... c 15 N73-28516 *
US-PATENT-3,249,012 ..... c 03 N71-12258 *
US-PATENT-3,249,013 ..... c 03 N71-12259 *
US-PATENT-3,251,053 ..... c 08 N71-12501 *
US-PATENT-3,252,100 ..... c 10 N71-28960 *
US-PATENT-3,254,395 ..... c 28 N71-15658 *
US-PATENT-3,254,487 ..... c 28 N71-15659 *
US-PATENT-3,257,780 ..... c 15 N71-15968 *
US-PATENT-3,258,582 ..... c 02 N71-13421 *
US-PATENT-3,258,687 ..... c 14 N71-15962 *
US-PATENT-3,258,831 ..... c 15 N71-15986 *
US-PATENT-3,258,912 ..... c 27 N71-15634 *
US-PATENT-3,258,918 ..... c 27 N71-15635 *
US-PATENT-3,260,055 ..... c 23 N71-15467 *
US-PATENT-3,260,204 ..... c 31 N71-15692 *
US-PATENT-3,260,326 ..... c 11 N71-28779 *
US-PATENT-3,261,210 ..... c 14 N71-15969 *
US-PATENT-3,262,025 ..... c 15 N73-32361 *
US-PATENT-3,262,186 ..... c 15 N71-16052 *
US-PATENT-3,262,262 ..... c 28 N71-15661 *
US-PATENT-3,262,351 ..... c 15 N71-15922 *
US-PATENT-3,262,365 ..... c 31 N71-15675 *
US-PATENT-3,262,395 ..... c 15 N71-30028 *
US-PATENT-3,262,518 ..... c 05 N71-11199 *
US-PATENT-3,262,655 ..... c 31 N71-15663 *
US-PATENT-3,262,694 ..... c 44 N79-19447 *
US-PATENT-3,263,016 ..... c 33 N71-15625 *
US-PATENT-3,263,171 ..... c 09 N71-13530 *
US-PATENT-3,263,610 ..... c 15 N71-13789 *
US-PATENT-3,264,135 ..... c 15 N71-16075 *
US-PATENT-3,270,441 ..... c 11 N71-16028 *
US-PATENT-3,270,499 ..... c 28 N71-15660 *
US-PATENT-3,270,501 ..... c 31 N71-15647 *
US-PATENT-3,270,503 ..... c 33 N71-15623 *
US-PATENT-3,270,504 ..... c 31 N71-15637 *
US-PATENT-3,270,505 ..... c 21 N71-15582 *
US-PATENT-3,270,512 ..... c 15 N71-15906 *
US-PATENT-3,270,565 ..... c 14 N71-30265 *
US-PATENT-3,270,756 ..... c 15 N71-15967 *
US-PATENT-3,270,802 ..... c 33 N71-24876 *
US-PATENT-3,270,835 ..... c 28 N70-41582 *
US-PATENT-3,270,908 ..... c 31 N71-15664 *
US-PATENT-3,270,985 ..... c 21 N71-15583 *
US-PATENT-3,270,986 ..... c 05 N71-12336 *
US-PATENT-3,270,988 ..... c 01 N71-13410 *
US-PATENT-3,270,989 ..... c 02 N71-11041 * #
US-PATENT-3,270,990 ..... c 28 N71-15563 *
US-PATENT-3,271,140 ..... c 17 N71-15644 *
US-PATENT-3,271,181 ..... c 15 N71-16077 *
US-PATENT-3,271,532 ..... c 09 N71-16089 *
US-PATENT-3,271,558 ..... c 15 N71-15871 *
US-PATENT-3,271,594 ..... c 10 N71-28739 *
US-PATENT-3,271,620 ..... c 09 N71-12540 *
US-PATENT-3,271,637 ..... c 26 N71-18064 *
US-PATENT-3,271,649 ..... c 10 N71-16030 *
US-PATENT-3,273,094 ..... c 23 N71-29049 *
US-PATENT-3,273,355 ..... c 33 N71-17897 *
US-PATENT-3,273,381 ..... c 32 N71-17645 *
US-PATENT-3,273,388 ..... c 09 N71-16086 *
US-PATENT-3,273,392 ..... c 23 N71-17802 *
US-PATENT-3,273,399 ..... c 12 N71-24692 *
US-PATENT-3,274,304 ..... c 26 N71-17818 *
US-PATENT-3,275,794 ..... c 37 N75-27376 *
US-PATENT-3,276,251 ..... c 11 N71-15926 *
US-PATENT-3,276,376 ..... c 31 N71-17629 *
US-PATENT-3,276,602 ..... c 32 N71-17609 *
US-PATENT-3,276,679 ..... c 15 N71-16079 *
US-PATENT-3,276,722 ..... c 02 N71-16087 *
US-PATENT-3,276,726 ..... c 31 N71-16081 *
US-PATENT-3,276,865 ..... c 17 N71-16025 *
US-PATENT-3,276,866 ..... c 17 N71-16026 *
US-PATENT-3,276,946 ..... c 23 N71-15978 *
US-PATENT-3,277,314 ..... c 10 N71-16042 *
US-PATENT-3,277,366 ..... c 10 N71-16057 *
US-PATENT-3,277,373 ..... c 07 N71-16088 *
US-PATENT-3,277,375 ..... c 07 N71-11284 *
US-PATENT-3,277,458 ..... c 10 N71-16058 *
US-PATENT-3,277,486 ..... c 31 N71-10747 *
US-PATENT-3,279,193 ..... c 33 N71-28852 *
US-PATENT-3,281,558 ..... c 33 N75-27249 *
US-PATENT-3,281,963 ..... c 11 N71-10746 *
US-PATENT-3,281,964 ..... c 11 N71-10776 *
US-PATENT-3,281,965 ..... c 11 N71-10748 *
US-PATENT-3,282,035 ..... c 11 N71-10777 *
US-PATENT-3,282,091 ..... c 14 N71-10781 *
US-PATENT-3,282,532 ..... c 31 N71-17729 *
US-PATENT-3,282,541 ..... c 31 N71-24750 *
US-PATENT-3,282,739 ..... c 03 N71-11053 *
US-PATENT-3,282,740 ..... c 03 N71-11051 *
US-PATENT-3,283,088 ..... c 10 N71-15909 *
US-PATENT-3,283,175 ..... c 10 N71-15910 *
US-PATENT-3,283,241 ..... c 14 N71-16014 *
US-PATENT-3,286,274 ..... c 05 N71-12335 *
US-PATENT-3,286,531 ..... c 30 N71-17788 *
US-PATENT-3,286,629 ..... c 31 N71-17730 *
US-PATENT-3,286,630 ..... c 31 N71-10582 *
US-PATENT-3,286,882 ..... c 27 N71-29155 *
US-PATENT-3,286,953 ..... c 21 N70-41856 *
US-PATENT-3,286,957 ..... c 02 N70-41863 *
US-PATENT-3,287,031 ..... c 15 N70-41808 *
US-PATENT-3,287,174 ..... c 03 N70-41864 *
US-PATENT-3,287,496 ..... c 14 N70-41807 *
US-PATENT-3,287,582 ..... c 28 N70-41576 *
US-PATENT-3,287,640 ..... c 09 N70-41655 *
US-PATENT-3,287,660 ..... c 16 N70-41578 *
US-PATENT-3,287,725 ..... c 07 N70-41680 *
US-PATENT-3,289,205 ..... c 07 N70-41678 *
US-PATENT-3,295,360 ..... c 14 N70-41681 *
US-PATENT-3,295,366 ..... c 11 N70-41677 *
US-PATENT-3,295,377 ..... c 14 N70-41682 *
US-PATENT-3,295,386 ..... c 05 N70-41581 *
US-PATENT-3,295,512 ..... c 03 N70-41580 *
US-PATENT-3,295,545 ..... c 15 N70-41646 *
US-PATENT-3,295,556 ..... c 32 N70-41579 *
US-PATENT-3,295,594 ..... c 54 N82-29002 *
US-PATENT-3,295,684 ..... c 28 N70-41447 *
US-PATENT-3,295,699 ..... c 32 N70-41367 *
US-PATENT-3,295,782 ..... c 14 N70-41647 *
US-PATENT-3,295,790 ..... c 31 N70-41588 *
US-PATENT-3,295,798 ..... c 02 N70-41589 *
US-PATENT-3,295,808 ..... c 15 N70-41310 *
US-PATENT-3,296,060 ..... c 18 N70-41583 *
US-PATENT-3,296,526 ..... c 14 N70-41332 *
US-PATENT-3,296,531 ..... c 07 N70-41331 *
US-PATENT-3,298,175 ..... c 33 N71-29053 *
US-PATENT-3,298,182 ..... c 28 N70-41311 *
US-PATENT-3,298,221 ..... c 14 N70-41330 *
US-PATENT-3,298,285 ..... c 32 N70-41370 *
US-PATENT-3,298,362 ..... c 05 N70-41329 *
US-PATENT-3,298,582 ..... c 14 N71-28935 *
US-PATENT-3,299,364 ..... c 16 N71-15550 *
US-PATENT-3,299,431 ..... c 07 N71-28979 *
US-PATENT-3,299,913 ..... c 15 N71-15918 *
US-PATENT-3,300,162 ..... c 31 N70-41373 *
US-PATENT-3,300,731 ..... c 07 N70-41372 *
US-PATENT-3,300,847 ..... c 15 N70-41371 *
US-PATENT-3,300,949 ..... c 05 N70-41297 *
US-PATENT-3,300,981 ..... c 28 N70-41275 *
US-PATENT-3,301,046 ..... c 14 N70-41366 *
US-PATENT-3,301,315 ..... c 09 N70-41717 *
US-PATENT-3,301,507 ..... c 31 N70-41631 *
US-PATENT-3,301,511 ..... c 02 N70-41630 *
US-PATENT-3,301,578 ..... c 15 N70-41629 *
US-PATENT-3,302,023 ..... c 14 N70-41676 *
US-PATENT-3,302,040 ..... c 09 N70-41675 *
US-PATENT-3,302,569 ..... c 15 N70-41679 *
US-PATENT-3,302,633 ..... c 05 N70-41819 *
US-PATENT-3,302,662 ..... c 15 N70-41811 *
US-PATENT-3,302,960 ..... c 15 N70-41828 *
US-PATENT-3,303,304 ..... c 14 N70-41812 *
US-PATENT-3,304,028 ..... c 31 N70-41855 *
US-PATENT-3,304,718 ..... c 28 N70-41922 *
US-PATENT-3,304,724 ..... c 31 N70-41948 *
US-PATENT-3,304,729 ..... c 31 N70-41871 *
US-PATENT-3,304,768 ..... c 32 N70-42003 *
US-PATENT-3,304,773 ..... c 14 N70-41957 *
US-PATENT-3,304,799 ..... c 03 N70-41954 *
US-PATENT-3,304,865 ..... c 28 N70-41967 *
US-PATENT-3,305,415 ..... c 27 N70-41897 *
US-PATENT-3,305,636 ..... c 08 N70-41961 *
US-PATENT-3,305,801 ..... c 10 N70-41964 *
US-PATENT-3,305,810 ..... c 09 N70-41929 *
US-PATENT-3,305,861 ..... c 21 N70-41930 *
US-PATENT-3,305,870 ..... c 07 N71-15907 *
US-PATENT-3,306,134 ..... c 37 N78-17385 *
US-PATENT-3,308,848 ..... c 12 N71-16031 *
US-PATENT-3,309,012 ..... c 33 N71-17610 *
US-PATENT-3,309,961 ..... c 15 N71-16078 *
US-PATENT-3,310,054 ..... c 08 N71-15908 *
US-PATENT-3,310,138 ..... c 12 N71-16894 *
US-PATENT-3,310,256 ..... c 31 N71-17679 *
US-PATENT-3,310,258 ..... c 31 N71-17691 *
US-PATENT-3,310,261 ..... c 02 N71-11038 *
US-PATENT-3,310,262 ..... c 02 N71-12243 *
US-PATENT-3,310,443 ..... c 24 N71-10560 *
US-PATENT-3,310,699 ..... c 14 N73-32324 *
US-PATENT-3,310,765 ..... c 33 N79-21264 *
US-PATENT-3,310,978 ..... c 14 N71-10616 *
US-PATENT-3,310,980 ..... c 11 N71-10604 *
US-PATENT-3,311,315 ..... c 07 N71-10609 *
US-PATENT-3,311,502 ..... c 03 N71-10608 *
US-PATENT-3,311,510 ..... c 26 N71-10607 *
US-PATENT-3,311,571 ..... c 27 N79-21190 *
US-PATENT-3,311,748 ..... c 21 N71-10678 *
US-PATENT-3,311,772 ..... c 09 N71-10618 *
US-PATENT-3,311,832 ..... c 07 N71-10775 *
US-PATENT-3,312,101 ..... c 14 N71-10774 *
US-PATENT-3,313,204 ..... c 28 N73-24783 *
US-PATENT-3,316,716 ..... c 28 N71-10780 *
US-PATENT-3,316,752 ..... c 14 N71-10779 *
US-PATENT-3,316,991 ..... c 14 N71-10773 *
US-PATENT-3,317,180 ..... c 15 N71-10778 *
US-PATENT-3,317,341 ..... c 18 N71-10772 *
US-PATENT-3,317,352 ..... c 03 N71-10728 *
US-PATENT-3,317,641 ..... c 15 N71-10672 *
US-PATENT-3,317,731 ..... c 21 N71-10771 *
US-PATENT-3,317,751 ..... c 09 N71-10673 *
US-PATENT-3,317,797 ..... c 10 N71-28783 *
US-PATENT-3,317,832 ..... c 09 N71-10659 *
US-PATENT-3,318,093 ..... c 15 N71-10658 *
US-PATENT-3,318,096 ..... c 28 N71-28849 *
US-PATENT-3,318,343 ..... c 15 N71-10809 *
US-PATENT-3,318,622 ..... c 15 N71-10799 *
US-PATENT-3,319,175 ..... c 09 N71-10798 *
US-PATENT-3,319,979 ..... c 15 N71-10782 *
US-PATENT-3,320,669 ..... c 15 N70-42017 *
US-PATENT-3,321,034 ..... c 15 N70-42034 *
US-PATENT-3,321,154 ..... c 31 N70-42075 *
US-PATENT-3,321,157 ..... c 02 N70-42016 *
US-PATENT-3,321,159 ..... c 31 N70-42015 *
US-PATENT-3,321,570 ..... c 15 N70-41960 *
US-PATENT-3,321,628 ..... c 10 N70-41991 *
US-PATENT-3,321,645 ..... c 10 N70-42032 *
US-PATENT-3,321,922 ..... c 28 N70-41992 *
US-PATENT-3,323,356 ..... c 15 N70-41993 *
US-PATENT-3,323,362 ..... c 14 N70-41994 *
US-PATENT-3,323,370 ..... c 05 N70-42000 *
US-PATENT-3,323,386 ..... c 03 N70-42073 *
US-PATENT-3,323,408 ..... c 14 N70-41955 *
US-PATENT-3,323,484 ..... c 14 N70-42074 *
US-PATENT-3,323,967 ..... c 15 N70-42033 *
US-PATENT-3,324,370 ..... c 09 N71-10677 *
US-PATENT-3,324,388 ..... c 14 N71-10797 *
US-PATENT-3,324,423 ..... c 07 N71-10676 *
US-PATENT-3,324,659 ..... c 28 N71-10574 *
US-PATENT-3,325,229 ..... c 15 N71-10617 *
US-PATENT-3,325,723 ..... c 10 N71-10576 *
US-PATENT-3,325,749 ..... c 09 N71-28810 *
US-PATENT-3,326,043 ..... c 14 N71-10500 *
US-PATENT-3,326,407 ..... c 15 N71-10577 *
US-PATENT-3,327,298 ..... c 08 N71-21042 *
US-PATENT-3,327,991 ..... c 15 N71-21234 *
US-PATENT-3,328,624 ..... c 28 N71-28850 *
US-PATENT-3,329,375 ..... c 21 N71-21708 *
US-PATENT-3,329,918 ..... c 09 N71-21583 *
US-PATENT-3,330,052 ..... c 11 N71-21474 *
US-PATENT-3,330,082 ..... c 15 N71-21531 *
US-PATENT-3,330,510 ..... c 31 N71-28851 *
US-PATENT-3,330,549 ..... c 15 N71-21530 *
US-PATENT-3,331,071 ..... c 07 N71-28900 *
US-PATENT-3,331,246 ..... c 11 N71-21475 *
US-PATENT-3,331,255 ..... c 15 N71-21529 *
US-PATENT-3,331,404 ..... c 12 N71-21089 *
US-PATENT-3,331,951 ..... c 21 N71-21688 *
US-PATENT-3,333,152 ..... c 25 N71-21693 *
US-PATENT-3,333,788 ..... c 31 N71-21881 *
US-PATENT-3,334,225 ..... c 14 N73-32325 *
US-PATENT-3,336,725 ..... c 15 N71-21528 *
US-PATENT-3,336,748 ..... c 25 N71-21694 *
US-PATENT-3,336,754 ..... c 28 N71-22983 *
US-PATENT-3,337,004 ..... c 14 N71-23092 *
US-PATENT-3,337,279 ..... c 05 N71-23080 *
US-PATENT-3,337,315 ..... c 18 N71-23088 *
US-PATENT-3,337,337 ..... c 18 N71-22894 *
US-PATENT-3,337,790 ..... c 12 N71-20896 *
US-PATENT-3,337,812 ..... c 09 N71-23097 *
US-PATENT-3,339,404 ..... c 14 N71-22765 *
US-PATENT-3,339,863 ..... c 14 N71-23040 *

US-PATENT-3,340,099 ..... c 03 N71-23006 *
US-PATENT-3,340,395 ..... c 14 N71-23041 *
US-PATENT-3,340,397 ..... c 11 N71-23042 *
US-PATENT-3,340,430 ..... c 09 N71-22796 *
US-PATENT-3,340,532 ..... c 10 N71-21473 *
US-PATENT-3,340,599 ..... c 09 N71-23027 *
US-PATENT-3,340,713 ..... c 15 N71-22723 *
US-PATENT-3,340,732 ..... c 02 N71-23007 *
US-PATENT-3,341,151 ..... c 31 N71-23009 *
US-PATENT-3,341,169 ..... c 15 N71-23024 *
US-PATENT-3,341,708 ..... c 16 N71-22895 *
US-PATENT-3,341,778 ..... c 07 N71-23098 *
US-PATENT-3,341,977 ..... c 15 N71-22705 *
US-PATENT-3,342,055 ..... c 15 N71-22797 *
US-PATENT-3,342,066 ..... c 11 N71-23030 *
US-PATENT-3,342,653 ..... c 15 N71-22713 *
US-PATENT-3,343,180 ..... c 05 N71-23159 *
US-PATENT-3,343,189 ..... c 05 N71-22748 *
US-PATENT-3,344,340 ..... c 09 N71-21449 *
US-PATENT-3,344,425 ..... c 10 N71-21483 *
US-PATENT-3,345,820 ..... c 28 N71-21822 *
US-PATENT-3,345,822 ..... c 27 N71-21819 *
US-PATENT-3,345,840 ..... c 15 N71-21536 *
US-PATENT-3,345,866 ..... c 11 N71-21481 *
US-PATENT-3,346,419 ..... c 03 N71-20895 *
US-PATENT-3,346,442 ..... c 18 N71-21651 *
US-PATENT-3,346,515 ..... c 06 N71-20905 *
US-PATENT-3,346,724 ..... c 15 N71-21179 *
US-PATENT-3,346,806 ..... c 14 N71-21090 *
US-PATENT-3,346,929 ..... c 15 N71-21076 *
US-PATENT-3,347,046 ..... c 33 N71-21507 *
US-PATENT-3,347,309 ..... c 33 N71-29046 *
US-PATENT-3,347,465 ..... c 18 N71-21068 *
US-PATENT-3,347,466 ..... c 28 N71-21493 *
US-PATENT-3,347,531 ..... c 15 N71-21177 *
US-PATENT-3,347,665 ..... c 17 N71-20743 *
US-PATENT-3,348,048 ..... c 14 N71-21088 *
US-PATENT-3,348,053 ..... c 10 N71-20782 *
US-PATENT-3,348,152 ..... c 10 N71-20841 *
US-PATENT-3,348,218 ..... c 10 N71-29135 *
US-PATENT-3,349,814 ..... c 33 N71-20834 *
US-PATENT-3,350,033 ..... c 14 N71-21082 *
US-PATENT-3,350,034 ..... c 31 N71-21064 *
US-PATENT-3,350,643 ..... c 07 N71-20791 *
US-PATENT-3,350,671 ..... c 09 N71-20842 *
US-PATENT-3,350,926 ..... c 14 N71-21091 *
US-PATENT-3,352,157 ..... c 14 N71-21072 *
US-PATENT-3,352,192 ..... c 15 N71-21489 *
US-PATENT-3,352,774 ..... c 37 N80-14395 *
US-PATENT-3,353,359 ..... c 28 N71-20942 *
US-PATENT-3,354,098 ..... c 06 N71-20717 *
US-PATENT-3,354,320 ..... c 23 N71-21821 *
US-PATENT-3,354,462 ..... c 14 N71-21006 *
US-PATENT-3,355,861 ..... c 18 N71-20742 *
US-PATENT-3,355,948 ..... c 14 N71-21007 *
US-PATENT-3,356,320 ..... c 05 N71-20718 *
US-PATENT-3,356,549 ..... c 15 N71-21404 *
US-PATENT-3,356,885 ..... c 25 N71-20747 *
US-PATENT-3,356,917 ..... c 33 N79-21265 *
US-PATENT-3,357,024 ..... c 12 N71-20815 *
US-PATENT-3,357,093 ..... c 15 N71-21078 *
US-PATENT-3,357,237 ..... c 33 N71-21586 *
US-PATENT-3,357,862 ..... c 03 N71-20904 *
US-PATENT-3,358,264 ..... c 09 N71-20851 *
US-PATENT-3,359,046 ..... c 15 N71-20739 *
US-PATENT-3,359,132 ..... c 09 N71-20705 *
US-PATENT-3,359,409 ..... c 07 N71-21476 *
US-PATENT-3,359,435 ..... c 15 N71-21311 *
US-PATENT-3,359,555 ..... c 09 N71-20864 *
US-PATENT-3,359,568 ..... c 54 N78-17680 *
US-PATENT-3,359,819 ..... c 15 N71-21744 *
US-PATENT-3,359,855 ..... c 23 N71-21882 *
US-PATENT-3,360,798 ..... c 09 N71-20658 *
US-PATENT-3,360,864 ..... c 14 N71-24693 *
US-PATENT-3,360,972 ..... c 15 N71-24833 *
US-PATENT-3,360,980 ..... c 14 N71-20741 *
US-PATENT-3,360,988 ..... c 09 N71-20816 *
US-PATENT-3,361,045 ..... c 15 N71-21060 *
US-PATENT-3,361,067 ..... c 26 N71-21824 *
US-PATENT-3,361,400 ..... c 15 N71-20813 *
US-PATENT-3,361,666 ..... c 15 N71-21403 *
US-PATENT-3,361,985 ..... c 10 N71-20852 *
US-PATENT-3,364,311 ..... c 07 N71-20814 *
US-PATENT-3,364,366 ..... c 09 N71-28926 *
US-PATENT-3,364,578 ..... c 14 N71-21079 *
US-PATENT-3,364,631 ..... c 32 N71-21045 *
US-PATENT-3,364,777 ..... c 15 N71-20740 *
US-PATENT-3,364,813 ..... c 09 N71-22999 *
US-PATENT-3,365,657 ..... c 10 N71-22961 *
US-PATENT-3,365,665 ..... c 14 N71-23037 *
US-PATENT-3,365,897 ..... c 33 N71-28892 *
US-PATENT-3,365,930 ..... c 14 N71-22964 *
US-PATENT-3,365,941 ..... c 14 N71-22965 *
US-PATENT-3,366,886 ..... c 10 N71-22962 *
US-PATENT-3,366,894 ..... c 10 N71-23084 *
US-PATENT-3,367,114 ..... c 28 N71-23081 *
US-PATENT-3,367,121 ..... c 15 N71-23025 *
US-PATENT-3,367,182 ..... c 33 N71-23085 *
US-PATENT-3,367,224 ..... c 15 N71-22798 *
US-PATENT-3,367,271 ..... c 15 N71-24042 *
US-PATENT-3,367,308 ..... c 11 N71-22875 *
US-PATENT-3,367,445 ..... c 15 N71-23048 *
US-PATENT-3,368,486 ..... c 15 N71-22874 *
US-PATENT-3,369,222 ..... c 08 N71-22707 *
US-PATENT-3,369,223 ..... c 08 N71-22710 *
US-PATENT-3,369,564 ..... c 15 N71-23051 *
US-PATENT-3,370,039 ..... c 06 N71-28807 *
US-PATENT-3,372,588 ..... c 33 N71-29051 *
US-PATENT-3,373,016 ..... c 26 N75-27127 *
US-PATENT-3,373,069 ..... c 15 N71-23052 *
US-PATENT-3,373,404 ..... c 08 N71-22749 *
US-PATENT-3,373,430 ..... c 09 N71-22888 *
US-PATENT-3,373,431 ..... c 07 N71-22750 *
US-PATENT-3,373,640 ..... c 15 N71-22722 *
US-PATENT-3,373,914 ..... c 15 N71-23050 *
US-PATENT-3,374,339 ..... c 08 N71-22897 *
US-PATENT-3,374,366 ..... c 09 N71-23015 *
US-PATENT-3,374,830 ..... c 33 N71-22890 *
US-PATENT-3,375,451 ..... c 10 N71-22986 *
US-PATENT-3,375,479 ..... c 15 N71-23049 *
US-PATENT-3,375,712 ..... c 35 N75-29382 *
US-PATENT-3,375,885 ..... c 15 N73-32362 *
US-PATENT-3,376,730 ..... c 14 N71-22995 *
US-PATENT-3,377,208 ..... c 14 N71-23039 *
US-PATENT-3,377,845 ..... c 14 N71-22992 *
US-PATENT-3,378,315 ..... c 15 N71-22997 *
US-PATENT-3,378,657 ..... c 33 N79-33392 *
US-PATENT-3,378,851 ..... c 05 N71-23096 *
US-PATENT-3,378,892 ..... c 15 N71-22994 *
US-PATENT-3,379,052 ..... c 14 N73-32321 *
US-PATENT-3,379,064 ..... c 14 N71-23093 *
US-PATENT-3,379,330 ..... c 23 N71-22881 *
US-PATENT-3,379,885 ..... c 09 N71-22985 *
US-PATENT-3,379,974 ..... c 14 N71-22990 *
US-PATENT-3,380,042 ..... c 07 N71-23001 *
US-PATENT-3,380,049 ..... c 10 N71-23099 *
US-PATENT-3,381,339 ..... c 06 N71-22975 *
US-PATENT-3,381,517 ..... c 09 N71-22988 *
US-PATENT-3,381,527 ..... c 15 N71-22878 *
US-PATENT-3,381,569 ..... c 21 N71-22880 *
US-PATENT-3,381,778 ..... c 15 N71-22877 *
US-PATENT-3,382,082 ..... c 18 N71-22998 *
US-PATENT-3,382,105 ..... c 03 N71-29044 *
US-PATENT-3,382,107 ..... c 03 N71-22974 *
US-PATENT-3,382,714 ..... c 14 N71-22989 *
US-PATENT-3,383,461 ..... c 07 N71-23026 *
US-PATENT-3,383,524 ..... c 10 N71-23029 *
US-PATENT-3,383,903 ..... c 14 N71-23036 *
US-PATENT-3,383,922 ..... c 14 N71-22752 *
US-PATENT-3,384,016 ..... c 31 N71-23008 *
US-PATENT-3,384,075 ..... c 05 N71-22896 *
US-PATENT-3,384,111 ..... c 15 N71-22706 *
US-PATENT-3,384,324 ..... c 33 N71-22792 *
US-PATENT-3,384,820 ..... c 09 N71-23021 *
US-PATENT-3,384,895 ..... c 07 N71-22984 *
US-PATENT-3,385,036 ..... c 15 N71-22721 *
US-PATENT-3,386,337 ..... c 15 N71-22799 *
US-PATENT-3,386,685 ..... c 31 N71-22968 *
US-PATENT-3,386,686 ..... c 31 N71-22969 *
US-PATENT-3,387,149 ..... c 14 N71-22993 *
US-PATENT-3,387,218 ..... c 37 N78-17386 *
US-PATENT-3,388,258 ..... c 14 N71-22996 *
US-PATENT-3,388,387 ..... c 10 N71-23033 *
US-PATENT-3,388,590 ..... c 14 N71-23087 *
US-PATENT-3,389,017 ..... c 15 N71-23022 *
US-PATENT-3,389,260 ..... c 14 N71-23269 *
US-PATENT-3,389,346 ..... c 10 N71-28859 *
US-PATENT-3,389,877 ..... c 15 N71-28936 *
US-PATENT-3,390,017 ..... c 03 N71-23336 *
US-PATENT-3,390,020 ..... c 26 N71-23654 *
US-PATENT-3,390,023 ..... c 26 N75-29236 *
US-PATENT-3,390,282 ..... c 09 N71-23311 *
US-PATENT-3,390,378 ..... c 08 N71-23295 *
US-PATENT-3,390,528 ..... c 20 N79-21124 *
US-PATENT-3,391,080 ..... c 15 N71-24046 *
US-PATENT-3,392,403 ..... c 23 N71-23976 *
US-PATENT-3,392,586 ..... c 14 N71-24232 *
US-PATENT-3,392,864 ..... c 18 N71-23658 *
US-PATENT-3,392,865 ..... c 15 N71-23816 *
US-PATENT-3,392,936 ..... c 01 N71-23497 *
US-PATENT-3,393,059 ..... c 06 N71-23499 *
US-PATENT-3,393,330 ..... c 22 N71-23599 *
US-PATENT-3,393,332 ..... c 09 N71-23443 *
US-PATENT-3,393,347 ..... c 10 N71-23543 *
US-PATENT-3,393,380 ..... c 10 N71-23544 *
US-PATENT-3,393,384 ..... c 09 N71-23573 *
US-PATENT-3,394,286 ..... c 14 N73-30391 *
US-PATENT-3,394,359 ..... c 08 N71-28925 *
US-PATENT-3,394,975 ..... c 23 N71-30027 *
US-PATENT-3,395,053 ..... c 18 N71-23047 *
US-PATENT-3,395,565 ..... c 14 N73-30390 *
US-PATENT-3,396,057 ..... c 26 N71-23043 *
US-PATENT-3,396,184 ..... c 06 N71-28808 *
US-PATENT-3,396,303 ..... c 09 N71-22987 *
US-PATENT-3,396,584 ..... c 14 N71-30026 *
US-PATENT-3,396,719 ..... c 52 N79-21750 *
US-PATENT-3,396,920 ..... c 31 N71-29050 *
US-PATENT-3,397,094 ..... c 26 N71-29156 *
US-PATENT-3,397,117 ..... c 15 N71-23086 *
US-PATENT-3,397,318 ..... c 14 N71-22991 *
US-PATENT-3,397,512 ..... c 15 N71-23023 *
US-PATENT-3,397,537 ..... c 20 N79-21125 *
US-PATENT-3,397,932 ..... c 15 N71-22982 *
US-PATENT-3,399,299 ..... c 10 N71-23662 *
US-PATENT-3,399,574 ..... c 32 N71-24285 *
US-PATENT-3,402,265 ..... c 09 N73-28084 *
US-PATENT-3,404,289 ..... c 09 N71-23545 *
US-PATENT-3,404,348 ..... c 32 N74-22096 *
US-PATENT-3,405,406 ..... c 05 N71-23161 *
US-PATENT-3,405,887 ..... c 31 N71-24315 *
US-PATENT-3,406,336 ..... c 10 N71-24863 *
US-PATENT-3,406,742 ..... c 33 N71-24276 *
US-PATENT-3,407,304 ..... c 14 N71-23240 *
US-PATENT-3,408,816 ..... c 28 N71-24736 *
US-PATENT-3,408,870 ..... c 14 N71-23227 *
US-PATENT-3,409,247 ..... c 33 N71-28903 *
US-PATENT-3,409,252 ..... c 15 N71-23255 *
US-PATENT-3,409,554 ..... c 26 N71-23292 *
US-PATENT-3,409,730 ..... c 33 N71-24145 *
US-PATENT-3,411,356 ..... c 14 N71-23226 *
US-PATENT-3,411,900 ..... c 26 N75-27126 *
US-PATENT-3,412,559 ..... c 28 N71-23293 *
US-PATENT-3,412,598 ..... c 14 N71-23225 *
US-PATENT-3,412,729 ..... c 04 N71-23185 *
US-PATENT-3,412,961 ..... c 32 N71-23971 *
US-PATENT-3,413,115 ..... c 17 N71-23365 *
US-PATENT-3,413,393 ..... c 17 N71-29137 *
US-PATENT-3,413,510 ..... c 09 N71-23190 *
US-PATENT-3,413,536 ..... c 03 N71-24605 *
US-PATENT-3,414,012 ..... c 09 N71-23191 *
US-PATENT-3,414,358 ..... c 14 N71-23175 *
US-PATENT-3,415,032 ..... c 15 N71-23256 *
US-PATENT-3,415,069 ..... c 15 N71-24044 *
US-PATENT-3,415,116 ..... c 14 N71-23790 *
US-PATENT-3,415,126 ..... c 21 N71-23289 *
US-PATENT-3,415,156 ..... c 15 N71-24043 *
US-PATENT-3,415,643 ..... c 17 N71-23248 *
US-PATENT-3,416,106 ..... c 09 N71-24808 *
US-PATENT-3,416,274 ..... c 31 N71-24035 *
US-PATENT-3,416,939 ..... c 18 N71-24183 *
US-PATENT-3,416,975 ..... c 17 N71-23828 *
US-PATENT-3,416,988 ..... c 15 N71-24164 *
US-PATENT-3,417,247 ..... c 14 N71-23797 *
US-PATENT-3,417,266 ..... c 09 N71-23270 *
US-PATENT-3,417,298 ..... c 10 N71-23271 *
US-PATENT-3,417,316 ..... c 14 N71-23174 *
US-PATENT-3,417,321 ..... c 09 N71-23316 *
US-PATENT-3,417,332 ..... c 07 N71-23405 *
US-PATENT-3,417,399 ..... c 30 N71-23723 *
US-PATENT-3,417,400 ..... c 07 N71-28809 *
US-PATENT-3,419,329 ..... c 14 N71-23268 *
US-PATENT-3,419,363 ..... c 18 N71-23710 *
US-PATENT-3,419,384 ..... c 17 N73-28573 *
US-PATENT-3,419,433 ..... c 03 N71-23187 *
US-PATENT-3,419,531 ..... c 27 N79-21191 *
US-PATENT-3,419,537 ..... c 06 N71-23500 *
US-PATENT-3,419,827 ..... c 09 N71-23548 *
US-PATENT-3,419,964 ..... c 14 N69-21363 * #
US-PATENT-3,419,992 ..... c 14 N71-23401 *
US-PATENT-3,420,069 ..... c 15 N69-21465 * #
US-PATENT-3,420,223 ..... c 05 N69-21925 * #
US-PATENT-3,420,225 ..... c 05 N69-21473 * #
US-PATENT-3,420,253 ..... c 12 N69-21466 * #
US-PATENT-3,420,338 ..... c 15 N71-26243 *
US-PATENT-3,420,471 ..... c 05 N69-21380 * #
US-PATENT-3,420,704 ..... c 15 N69-21460 * #
US-PATENT-3,420,945 ..... c 09 N69-21542 * #
US-PATENT-3,420,978 ..... c 15 N69-21471 * #
US-PATENT-3,421,004 ..... c 14 N71-19568 *
US-PATENT-3,421,053 ..... c 15 N69-21472 * #
US-PATENT-3,421,056 ..... c 14 N69-23191 * #
US-PATENT-3,421,105 ..... c 09 N69-21543 * #
US-PATENT-3,421,134 ..... c 09 N69-21470 * #
US-PATENT-3,421,331 ..... c 15 N69-23190 * #
US-PATENT-3,421,363 ..... c 11 N69-21540 * #
US-PATENT-3,421,506 ..... c 05 N69-23192 * #
US-PATENT-3,421,541 ..... c 15 N69-21924 * #
US-PATENT-3,421,549 ..... c 03 N69-21469 * #
US-PATENT-3,421,591 ..... c 14 N69-21923 * #
US-PATENT-3,421,700 ..... c 15 N69-23185 * #
US-PATENT-3,421,768 ..... c 15 N69-21362 * #
US-PATENT-3,421,864 ..... c 17 N71-23046 *
US-PATENT-3,421,948 ..... c 03 N69-21337 * #
US-PATENT-3,422,213 ..... c 03 N69-21539 * #
US-PATENT-3,422,278 ..... c 09 N69-21468 * #
US-PATENT-3,422,291 ..... c 25 N69-21929 * #
US-PATENT-3,422,324 ..... c 14 N69-21541 * #
US-PATENT-3,422,352 ..... c 14 N71-19431 *

US-PATENT-3,422,354 ..... c 09 N69-21926 * #
US-PATENT-3,422,390 ..... c 09 N69-21927 * #
US-PATENT-3,422,403 ..... c 08 N69-21928 * #
US-PATENT-3,422,440 ..... c 09 N69-21467 * #
US-PATENT-3,423,179 ..... c 15 N69-21922 * #
US-PATENT-3,423,290 ..... c 06 N71-17705 *
US-PATENT-3,423,579 ..... c 09 N71-19480 *
US-PATENT-3,423,608 ..... c 09 N69-21313 * #
US-PATENT-3,423,627 ..... c 33 N78-17293 *
US-PATENT-3,424,966 ..... c 10 N71-20448 *
US-PATENT-3,425,131 ..... c 15 N71-19489 *
US-PATENT-3,425,268 ..... c 14 N69-39975 * #
US-PATENT-3,425,272 ..... c 14 N71-20439 *
US-PATENT-3,425,276 ..... c 14 N69-24257 * #
US-PATENT-3,425,486 ..... c 05 N71-24147 *
US-PATENT-3,425,487 ..... c 05 N71-19439 *
US-PATENT-3,425,885 ..... c 15 N69-24322 * #
US-PATENT-3,426,219 ..... c 09 N69-24317 * #
US-PATENT-3,426,230 ..... c 15 N69-24319 * #
US-PATENT-3,426,263 ..... c 03 N71-19438 *
US-PATENT-3,426,272 ..... c 14 N69-39785 * #
US-PATENT-3,426,746 ..... c 05 N71-26293 *
US-PATENT-3,426,791 ..... c 15 N71-19569 *
US-PATENT-3,427,047 ..... c 15 N69-27490 * #
US-PATENT-3,427,089 ..... c 23 N69-24332 * #
US-PATENT-3,427,093 ..... c 09 N71-19479 *
US-PATENT-3,427,097 ..... c 11 N69-24321 * #
US-PATENT-3,427,205 ..... c 15 N69-24320 * #
US-PATENT-3,427,435 ..... c 17 N69-25147 * #
US-PATENT-3,427,454 ..... c 05 N71-19440 *
US-PATENT-3,427,525 ..... c 03 N69-21330 * #
US-PATENT-3,428,761 ..... c 09 N69-24329 * #
US-PATENT-3,428,812 ..... c 14 N69-27485 * #
US-PATENT-3,428,847 ..... c 15 N69-24266 * #
US-PATENT-3,428,910 ..... c 09 N69-24330 * #
US-PATENT-3,428,919 ..... c 07 N69-24334 * #
US-PATENT-3,428,923 ..... c 07 N69-27462 * #
US-PATENT-3,429,058 ..... c 12 N69-39988 * #
US-PATENT-3,429,177 ..... c 06 N69-39733 * #
US-PATENT-3,429,477 ..... c 15 N69-27502 * #
US-PATENT-3,429,756 ..... c 76 N79-21910 *
US-PATENT-3,430,063 ..... c 09 N69-27500 * #
US-PATENT-3,430,115 ..... c 09 N69-24318 * #
US-PATENT-3,430,131 ..... c 24 N71-20518 *
US-PATENT-3,430,182 ..... c 14 N69-27431 * #
US-PATENT-3,430,227 ..... c 08 N71-19687 *
US-PATENT-3,430,237 ..... c 07 N69-39974 * #
US-PATENT-3,430,460 ..... c 15 N69-27505 * #
US-PATENT-3,430,902 ..... c 14 N69-27486 * #
US-PATENT-3,430,909 ..... c 11 N69-27466 * #
US-PATENT-3,430,937 ..... c 15 N69-27483 * #
US-PATENT-3,430,942 ..... c 15 N69-27504 * #
US-PATENT-3,431,149 ..... c 14 N69-27459 * #
US-PATENT-3,431,397 ..... c 15 N69-27871 * #
US-PATENT-3,431,460 ..... c 09 N71-23189 *
US-PATENT-3,431,559 ..... c 09 N69-24333 * #
US-PATENT-3,432,730 ..... c 09 N69-27422 * #
US-PATENT-3,433,015 ..... c 28 N71-20330 *
US-PATENT-3,433,079 ..... c 14 N69-27503 * #
US-PATENT-3,433,662 ..... c 14 N71-20461 *
US-PATENT-3,433,818 ..... c 06 N71-23230 *
US-PATENT-3,433,909 ..... c 10 N71-23663 *
US-PATENT-3,433,953 ..... c 14 N69-27484 * #
US-PATENT-3,433,960 ..... c 16 N69-27491 * #
US-PATENT-3,433,961 ..... c 14 N69-27432 * #
US-PATENT-3,434,033 ..... c 09 N69-39984 * #
US-PATENT-3,434,037 ..... c 10 N71-26414 *
US-PATENT-3,434,050 ..... c 09 N71-20569 *
US-PATENT-3,434,064 ..... c 09 N69-39986 * #
US-PATENT-3,434,855 ..... c 18 N71-24184 *
US-PATENT-3,434,885 ..... c 03 N71-20492 *
US-PATENT-3,435,246 ..... c 14 N69-24331 * #
US-PATENT-3,437,394 ..... c 14 N69-27461 * #
US-PATENT-3,437,527 ..... c 03 N69-24267 * #
US-PATENT-3,437,560 ..... c 04 N69-27487 * #
US-PATENT-3,437,818 ..... c 03 N71-23354 *
US-PATENT-3,437,832 ..... c 09 N69-27463 * #
US-PATENT-3,437,874 ..... c 08 N71-20571 *
US-PATENT-3,437,903 ..... c 03 N69-25146 * #
US-PATENT-3,437,919 ..... c 14 N69-27423 * #
US-PATENT-3,437,935 ..... c 09 N69-24324 * #
US-PATENT-3,437,959 ..... c 07 N69-24323 * #
US-PATENT-3,438,044 ..... c 07 N69-27460 * #
US-PATENT-3,438,263 ..... c 14 N71-20435 *
US-PATENT-3,439,886 ..... c 31 N69-27499 * #
US-PATENT-3,440,419 ..... c 14 N73-28491 *
US-PATENT-3,442,674 ..... c 25 N82-29370 *
US-PATENT-3,443,128 ..... c 03 N69-39890 * #
US-PATENT-3,443,208 ..... c 14 N71-20428 *
US-PATENT-3,443,384 ..... c 28 N71-24321 *
US-PATENT-3,443,390 ..... c 11 N71-24964 *
US-PATENT-3,443,412 ..... c 15 N71-23811 *
US-PATENT-3,443,416 ..... c 06 N69-39936 * #
US-PATENT-3,443,472 ..... c 15 N71-23254 *
US-PATENT-3,443,583 ..... c 14 N71-18625 *
US-PATENT-3,443,584 ..... c 32 N71-16106 *
US-PATENT-3,443,732 ..... c 15 N71-15607 *
US-PATENT-3,443,773 ..... c 31 N71-23912 *
US-PATENT-3,443,779 ..... c 01 N69-39981 * #
US-PATENT-3,444,051 ..... c 05 N71-11207 *
US-PATENT-3,444,127 ..... c 06 N71-11237 *
US-PATENT-3,444,375 ..... c 14 N71-15599 *
US-PATENT-3,444,380 ..... c 07 N69-39980 * #
US-PATENT-3,446,075 ..... c 14 N73-30394 *
US-PATENT-3,446,387 ..... c 15 N69-39935 * #
US-PATENT-3,446,558 ..... c 16 N71-24074 *
US-PATENT-3,446,642 ..... c 18 N69-39895 * #
US-PATENT-3,446,676 ..... c 03 N71-11050 *
US-PATENT-3,446,960 ..... c 14 N69-39982 * #
US-PATENT-3,446,992 ..... c 09 N69-39987 * #
US-PATENT-3,446,997 ..... c 03 N69-39898 * #
US-PATENT-3,446,998 ..... c 09 N69-39929 * #
US-PATENT-3,447,003 ..... c 09 N71-20446 *
US-PATENT-3,447,015 ..... c 06 N69-39889 * #
US-PATENT-3,447,071 ..... c 25 N69-39884 * #
US-PATENT-3,447,154 ..... c 21 N71-11766 *
US-PATENT-3,447,155 ..... c 09 N71-18598 *
US-PATENT-3,447,233 ..... c 15 N69-39786 * #
US-PATENT-3,447,774 ..... c 15 N71-19485 *
US-PATENT-3,447,850 ..... c 09 N71-18600 *
US-PATENT-3,448,273 ..... c 07 N69-39736 * #
US-PATENT-3,448,290 ..... c 10 N71-23315 *
US-PATENT-3,448,341 ..... c 09 N71-12526 *
US-PATENT-3,448,346 ..... c 15 N71-18701 *
US-PATENT-3,450,842 ..... c 07 N69-39978 * #
US-PATENT-3,450,878 ..... c 14 N71-20430 *
US-PATENT-3,450,946 ..... c 09 N69-39897 * #
US-PATENT-3,452,103 ..... c 06 N73-30101 *
US-PATENT-3,452,423 ..... c 26 N71-16037 *
US-PATENT-3,452,872 ..... c 14 N69-39896 * #
US-PATENT-3,453,172 ..... c 15 N69-39735 * #
US-PATENT-3,453,462 ..... c 03 N69-39983 * #
US-PATENT-3,453,546 ..... c 05 N71-12342 *
US-PATENT-3,453,878 ..... c 09 N79-21083 *
US-PATENT-3,454,410 ..... c 18 N69-39979 * #
US-PATENT-3,454,766 ..... c 35 N75-27329 *
US-PATENT-3,455,121 ..... c 14 N71-20427 *
US-PATENT-3,455,171 ..... c 23 N71-16098 *
US-PATENT-3,456,112 ..... c 14 N69-39937 * #
US-PATENT-3,456,193 ..... c 08 N71-19763 *
US-PATENT-3,456,201 ..... c 09 N69-39885 * #
US-PATENT-3,458,104 ..... c 15 N71-20393 *
US-PATENT-3,458,313 ..... c 14 N71-17574 *
US-PATENT-3,458,651 ..... c 09 N71-19449 *
US-PATENT-3,458,702 ..... c 14 N71-18699 *
US-PATENT-3,458,726 ..... c 10 N69-39888 * #
US-PATENT-3,458,833 ..... c 10 N71-19418 *
US-PATENT-3,458,851 ..... c 09 N69-39734 * #
US-PATENT-3,459,391 ..... c 03 N71-11058 *
US-PATENT-3,460,378 ..... c 14 N71-24233 *
US-PATENT-3,460,379 ..... c 15 N71-24834 *
US-PATENT-3,460,381 ..... c 14 N71-23725 *
US-PATENT-3,460,397 ..... c 15 N71-24045 *
US-PATENT-3,460,759 ..... c 28 N71-23968 *
US-PATENT-3,460,781 ..... c 14 N71-23698 *
US-PATENT-3,460,995 ..... c 03 N71-20407 *
US-PATENT-3,461,290 ..... c 14 N71-26475 *
US-PATENT-3,461,393 ..... c 10 N71-26415 *
US-PATENT-3,461,437 ..... c 10 N71-26434 *
US-PATENT-3,461,700 ..... c 15 N71-26346 *
US-PATENT-3,461,721 ..... c 12 N71-20436 *
US-PATENT-3,461,855 ..... c 05 N71-20268 *
US-PATENT-3,463,001 ..... c 14 N71-20429 *
US-PATENT-3,463,563 ..... c 15 N71-23812 *
US-PATENT-3,463,673 ..... c 03 N71-20491 *
US-PATENT-3,463,679 ..... c 17 N71-24142 *
US-PATENT-3,463,761 ..... c 06 N73-30099 *
US-PATENT-3,463,762 ..... c 06 N73-30100 *
US-PATENT-3,463,939 ..... c 10 N71-19471 *
US-PATENT-3,464,012 ..... c 14 N71-26244 *
US-PATENT-3,464,016 ..... c 10 N71-19472 *
US-PATENT-3,464,018 ..... c 09 N71-23525 *
US-PATENT-3,464,049 ..... c 32 N71-15974 *
US-PATENT-3,464,051 ..... c 15 N71-17685 *
US-PATENT-3,465,482 ..... c 31 N71-16080 *
US-PATENT-3,465,567 ..... c 15 N71-18579 *
US-PATENT-3,465,569 ..... c 14 N71-17659 *
US-PATENT-3,465,584 ..... c 14 N71-23726 *
US-PATENT-3,465,638 ..... c 11 N71-18578 *
US-PATENT-3,465,986 ..... c 31 N71-20396 *
US-PATENT-3,466,052 ..... c 15 N71-19570 *
US-PATENT-3,466,085 ..... c 05 N71-12343 *
US-PATENT-3,466,198 ..... c 03 N71-19545 *
US-PATENT-3,466,243 ..... c 15 N71-23810 *
US-PATENT-3,466,418 ..... c 15 N71-18613 *
US-PATENT-3,466,424 ..... c 15 N71-20395 *
US-PATENT-3,466,459 ..... c 09 N71-26000 *
US-PATENT-3,466,484 ..... c 14 N71-18482 *
US-PATENT-3,466,560 ..... c 09 N71-19466 *
US-PATENT-3,466,570 ..... c 10 N71-25950 *
US-PATENT-3,467,837 ..... c 05 N71-23317 *
US-PATENT-3,468,303 ..... c 09 N71-26002 *
US-PATENT-3,468,548 ..... c 15 N71-26294 *
US-PATENT-3,468,609 ..... c 16 N71-24170 *
US-PATENT-3,468,727 ..... c 14 N71-25892 *
US-PATENT-3,468,765 ..... c 17 N71-25903 *
US-PATENT-3,469,068 ..... c 15 N71-23815 *
US-PATENT-3,469,069 ..... c 15 N71-23798 *
US-PATENT-3,469,087 ..... c 16 N71-25914 *
US-PATENT-3,469,143 ..... c 33 N75-29318 *
US-PATENT-3,469,289 ..... c 15 N71-25975 *
US-PATENT-3,469,375 ..... c 14 N71-18483 *
US-PATENT-3,469,436 ..... c 15 N71-23817 *
US-PATENT-3,469,437 ..... c 14 N71-24234 *
US-PATENT-3,469,734 ..... c 11 N71-17600 *
US-PATENT-3,470,043 ..... c 15 N71-24047 *
US-PATENT-3,470,304 ..... c 14 N71-23267 *
US-PATENT-3,470,313 ..... c 07 N71-26579 *
US-PATENT-3,470,318 ..... c 07 N71-24612 *
US-PATENT-3,470,342 ..... c 09 N71-19610 *
US-PATENT-3,470,443 ..... c 03 N71-23239 *
US-PATENT-3,470,446 ..... c 09 N71-23188 *
US-PATENT-3,470,466 ..... c 14 N71-23699 *
US-PATENT-3,470,475 ..... c 10 N71-19467 *
US-PATENT-3,470,489 ..... c 09 N71-23598 *
US-PATENT-3,470,495 ..... c 10 N71-23669 *
US-PATENT-3,470,496 ..... c 09 N71-19470 *
US-PATENT-3,471,856 ..... c 30 N71-16090 *
US-PATENT-3,471,858 ..... c 07 N71-12391 *
US-PATENT-3,472,019 ..... c 10 N71-26326 *
US-PATENT-3,472,059 ..... c 14 N71-23755 *
US-PATENT-3,472,060 ..... c 14 N71-26136 *
US-PATENT-3,472,069 ..... c 15 N71-20441 *
US-PATENT-3,472,080 ..... c 10 N71-26339 *
US-PATENT-3,472,086 ..... c 15 N71-23809 *
US-PATENT-3,472,140 ..... c 14 N71-26474 *
US-PATENT-3,472,202 ..... c 17 N71-24911 *
US-PATENT-3,472,372 ..... c 15 N71-20440 *
US-PATENT-3,472,470 ..... c 02 N71-20570 *
US-PATENT-3,472,577 ..... c 23 N71-24857 *
US-PATENT-3,472,625 ..... c 06 N71-23527 *
US-PATENT-3,472,629 ..... c 14 N71-20442 *
US-PATENT-3,472,698 ..... c 03 N71-23449 *
US-PATENT-3,472,709 ..... c 18 N71-26153 *
US-PATENT-3,472,742 ..... c 17 N71-24830 *
US-PATENT-3,472,998 ..... c 16 N71-20400 *
US-PATENT-3,473,050 ..... c 09 N71-20447 *
US-PATENT-3,473,116 ..... c 25 N71-20563 *
US-PATENT-3,473,165 ..... c 05 N71-26333 *
US-PATENT-3,473,216 ..... c 15 N71-20443 *
US-PATENT-3,473,379 ..... c 12 N71-26387 *
US-PATENT-3,473,758 ..... c 03 N71-20273 *
US-PATENT-3,474,192 ..... c 07 N71-26102 *
US-PATENT-3,474,220 ..... c 15 N71-19486 *
US-PATENT-3,474,328 ..... c 14 N71-26266 *
US-PATENT-3,474,357 ..... c 09 N71-20445 *
US-PATENT-3,474,413 ..... c 10 N71-26103 *
US-PATENT-3,474,441 ..... c 08 N71-19544 *
US-PATENT-3,475,384 ..... c 06 N73-30103 *
US-PATENT-3,475,442 ..... c 26 N75-27125 *
US-PATENT-3,475,675 ..... c 33 N78-17295 *
US-PATENT-3,478,514 ..... c 37 N77-22479 *
US-PATENT-3,480,789 ..... c 10 N71-26626 *
US-PATENT-3,481,638 ..... c 15 N71-26312 *
US-PATENT-3,481,802 ..... c 31 N79-21226 *
US-PATENT-3,481,887 ..... c 18 N71-26155 *
US-PATENT-3,482,179 ..... c 10 N71-26331 *
US-PATENT-3,483,535 ..... c 10 N71-26418 *
US-PATENT-3,484,712 ..... c 10 N71-26374 *
US-PATENT-3,485,290 ..... c 20 N79-21123 *
US-PATENT-3,486,123 ..... c 16 N71-24831 *
US-PATENT-3,487,216 ..... c 14 N71-24809 *
US-PATENT-3,487,281 ..... c 15 N71-24695 *
US-PATENT-3,487,288 ..... c 10 N71-25139 *
US-PATENT-3,487,680 ..... c 15 N71-17696 *
US-PATENT-3,487,765 ..... c 54 N78-17679 *
US-PATENT-3,488,103 ..... c 14 N71-15604 *
US-PATENT-3,488,123 ..... c 14 N71-17627 *
US-PATENT-3,488,414 ..... c 15 N71-17803 *
US-PATENT-3,488,461 ..... c 09 N71-12518 *
US-PATENT-3,488,504 ..... c 21 N71-15642 *
US-PATENT-3,488,771 ..... c 54 N78-17678 *
US-PATENT-3,490,074 ..... c 54 N78-17677 *
US-PATENT-3,490,130 ..... c 05 N71-12345 *
US-PATENT-3,490,205 ..... c 14 N71-17588 *
US-PATENT-3,490,235 ..... c 28 N71-14044 *
US-PATENT-3,490,238 ..... c 15 N70-22192 * #
US-PATENT-3,490,405 ..... c 15 N71-15597 *
US-PATENT-3,490,440 ..... c 05 N71-12346 *
US-PATENT-3,490,718 ..... c 33 N71-14035 *
US-PATENT-3,490,719 ..... c 21 N71-14159 *
US-PATENT-3,490,721 ..... c 02 N71-11039 *
US-PATENT-3,490,939 ..... c 33 N71-14032 *
US-PATENT-3,490,965 ..... c 09 N71-12513 *
US-PATENT-3,491,202 ..... c 07 N71-12392 *
US-PATENT-3,491,255 ..... c 09 N71-12514 *
US-PATENT-3,491,335 ..... c 14 N71-15620 *
US-PATENT-3,491,857 ..... c 14 N71-17626 *

US-PATENT-3,492,176 ..... c 27 N71-14090 *
US-PATENT-3,492,672 ..... c 05 N71-12344 *
US-PATENT-3,492,739 ..... c 15 N71-15571 *
US-PATENT-3,492,858 ..... c 35 N78-17358 *
US-PATENT-3,492,862 ..... c 14 N71-15600 *
US-PATENT-3,492,947 ..... c 28 N71-14058 *
US-PATENT-3,493,003 ..... c 15 N71-15609 *
US-PATENT-3,493,004 ..... c 12 N71-17579 *
US-PATENT-3,493,012 ..... c 15 N71-15608 *
US-PATENT-3,493,027 ..... c 31 N71-18611 *
US-PATENT-3,493,153 ..... c 05 N71-12351 *
US-PATENT-3,493,155 ..... c 26 N71-14354 *
US-PATENT-3,493,194 ..... c 21 N71-14132 *
US-PATENT-3,493,197 ..... c 02 N71-11043 *
US-PATENT-3,493,291 ..... c 14 N71-15622 *
US-PATENT-3,493,294 ..... c 14 N71-15605 *
US-PATENT-3,493,401 ..... c 18 N71-14014 *
US-PATENT-3,493,415 ..... c 15 N71-15610 *
US-PATENT-3,493,437 ..... c 03 N71-11056 *
US-PATENT-3,493,522 ..... c 06 N71-11243 *
US-PATENT-3,493,524 ..... c 06 N71-11242 *
US-PATENT-3,493,665 ..... c 14 N71-15621 *
US-PATENT-3,493,677 ..... c 07 N71-11300 *
US-PATENT-3,493,711 ..... c 15 N71-14932 *
US-PATENT-3,493,746 ..... c 15 N71-15606 *
US-PATENT-3,493,797 ..... c 15 N71-17652 *
US-PATENT-3,493,805 ..... c 09 N71-12521 *
US-PATENT-3,493,901 ..... c 09 N71-12517 *
US-PATENT-3,493,929 ..... c 08 N71-12505 *
US-PATENT-3,493,942 ..... c 08 N71-12504 *
US-PATENT-3,495,260 ..... c 21 N71-13958 *
US-PATENT-3,495,262 ..... c 07 N71-12396 *
US-PATENT-3,498,840 ..... c 44 N82-24642 *
US-PATENT-3,498,841 ..... c 44 N82-24641 *
US-PATENT-3,500,020 ..... c 01 N71-13411 *
US-PATENT-3,500,525 ..... c 15 N71-17688 *
US-PATENT-3,500,677 ..... c 14 N71-17584 *
US-PATENT-3,500,686 ..... c 12 N71-17569 *
US-PATENT-3,500,688 ..... c 14 N71-17587 *
US-PATENT-3,500,747 ..... c 09 N71-18599 *
US-PATENT-3,500,827 ..... c 05 N71-11203 *
US-PATENT-3,501,112 ..... c 15 N71-17693 *
US-PATENT-3,501,632 ..... c 27 N71-16348 *
US-PATENT-3,501,641 ..... c 20 N71-16340 *
US-PATENT-3,501,648 ..... c 10 N71-24799 *
US-PATENT-3,501,649 ..... c 10 N71-18723 *
US-PATENT-3,501,664 ..... c 14 N71-17585 *
US-PATENT-3,501,683 ..... c 15 N71-17694 *
US-PATENT-3,501,684 ..... c 09 N71-26092 *
US-PATENT-3,501,701 ..... c 08 N71-18692 *
US-PATENT-3,501,704 ..... c 07 N71-11282 *
US-PATENT-3,501,712 ..... c 09 N71-19516 *
US-PATENT-3,501,743 ..... c 09 N71-18843 *
US-PATENT-3,501,750 ..... c 08 N71-19288 *
US-PATENT-3,501,752 ..... c 08 N71-18595 *
US-PATENT-3,501,764 ..... c 10 N71-18722 *
US-PATENT-3,502,051 ..... c 15 N71-17647 *
US-PATENT-3,502,074 ..... c 05 N71-11190 *
US-PATENT-3,502,141 ..... c 33 N71-16277 *
US-PATENT-3,503,251 ..... c 32 N71-16428 *
US-PATENT-3,504,258 ..... c 10 N71-18724 *
US-PATENT-3,504,983 ..... c 23 N71-16341 *
US-PATENT-3,506,496 ..... c 44 N82-24645 *
US-PATENT-3,507,034 ..... c 15 N71-17650 *
US-PATENT-3,507,114 ..... c 27 N71-16392 *
US-PATENT-3,507,146 ..... c 05 N71-11202 *
US-PATENT-3,507,150 ..... c 20 N71-16281 *
US-PATENT-3,507,425 ..... c 15 N71-17628 *
US-PATENT-3,507,436 ..... c 08 N71-19420 *
US-PATENT-3,507,704 ..... c 03 N71-11052 *
US-PATENT-3,507,706 ..... c 03 N71-18698 *
US-PATENT-3,508,036 ..... c 08 N71-18693 *
US-PATENT-3,508,039 ..... c 08 N71-19437 *
US-PATENT-3,508,053 ..... c 09 N71-18830 *
US-PATENT-3,508,070 ..... c 03 N71-11057 *
US-PATENT-3,508,152 ..... c 07 N71-11266 *
US-PATENT-3,508,156 ..... c 07 N71-11267 *
US-PATENT-3,508,347 ..... c 05 N71-24606 *
US-PATENT-3,508,402 ..... c 33 N71-16104 *
US-PATENT-3,508,541 ..... c 05 N71-11193 *
US-PATENT-3,508,578 ..... c 32 N71-16103 *
US-PATENT-3,508,723 ..... c 31 N71-16222 *
US-PATENT-3,508,724 ..... c 02 N71-11037 *
US-PATENT-3,508,739 ..... c 15 N71-17648 *
US-PATENT-3,508,779 ..... c 15 N71-24897 *
US-PATENT-3,508,940 ..... c 18 N71-16124 *
US-PATENT-3,508,955 ..... c 18 N71-16105 *
US-PATENT-3,508,999 ..... c 15 N71-17687 *
US-PATENT-3,509,034 ..... c 14 N71-17575 *
US-PATENT-3,509,386 ..... c 03 N71-11055 *
US-PATENT-3,509,419 ..... c 24 N71-16213 *
US-PATENT-3,509,469 ..... c 23 N71-16099 *
US-PATENT-3,509,475 ..... c 09 N71-24596 *
US-PATENT-3,509,491 ..... c 09 N71-18721 *
US-PATENT-3,509,551 ..... c 08 N71-18694 *
US-PATENT-3,509,558 ..... c 08 N71-19435 *
US-PATENT-3,509,570 ..... c 09 N71-18720 *
US-PATENT-3,509,578 ..... c 07 N71-19493 *
US-PATENT-3,511,680 ..... c 31 N79-21227 *
US-PATENT-3,512,009 ..... c 08 N71-18751 *
US-PATENT-3,514,785 ..... c 54 N78-18761 *
US-PATENT-3,516,091 ..... c 05 N71-24623 *
US-PATENT-3,516,179 ..... c 11 N71-19494 *
US-PATENT-3,516,185 ..... c 12 N71-18603 *
US-PATENT-3,516,284 ..... c 12 N71-17573 *
US-PATENT-3,516,404 ..... c 05 N71-17599 *
US-PATENT-3,516,711 ..... c 05 N71-12341 *
US-PATENT-3,516,879 ..... c 23 N71-16212 *
US-PATENT-3,516,964 ..... c 06 N71-11240 *
US-PATENT-3,516,970 ..... c 06 N71-11239 *
US-PATENT-3,516,971 ..... c 06 N71-24740 *
US-PATENT-3,517,109 ..... c 07 N71-19436 *
US-PATENT-3,517,162 ..... c 33 N71-16278 *
US-PATENT-3,517,171 ..... c 08 N71-24633 *
US-PATENT-3,517,221 ..... c 10 N71-19547 *
US-PATENT-3,517,268 ..... c 10 N71-19469 *
US-PATENT-3,517,302 ..... c 25 N71-16073 *
US-PATENT-3,517,318 ..... c 08 N71-19432 *
US-PATENT-3,517,326 ..... c 16 N71-18614 *
US-PATENT-3,518,232 ..... c 06 N71-11235 *
US-PATENT-3,519,483 ..... c 44 N82-24644 *
US-PATENT-3,519,484 ..... c 44 N82-24643 *
US-PATENT-3,520,190 ..... c 10 N71-13537 *
US-PATENT-3,520,238 ..... c 14 N71-18465 *
US-PATENT-3,520,317 ..... c 12 N71-17578 *
US-PATENT-3,520,496 ..... c 31 N71-16345 *
US-PATENT-3,520,503 ..... c 31 N71-16085 *
US-PATENT-3,520,617 ..... c 23 N71-16101 *
US-PATENT-3,520,660 ..... c 23 N71-16355 *
US-PATENT-3,521,054 ..... c 06 N71-13461 *
US-PATENT-3,521,143 ..... c 08 N71-18752 *
US-PATENT-3,521,290 ..... c 31 N71-16102 *
US-PATENT-3,523,228 ..... c 10 N71-24861 *
US-PATENT-3,526,030 ..... c 15 N71-17686 *
US-PATENT-3,526,134 ..... c 33 N71-16356 *
US-PATENT-3,526,139 ..... c 31 N71-16221 *
US-PATENT-3,526,140 ..... c 27 N71-16223 *
US-PATENT-3,526,359 ..... c 33 N71-16357 *
US-PATENT-3,526,365 ..... c 28 N71-16224 *
US-PATENT-3,526,372 ..... c 31 N71-16346 *
US-PATENT-3,526,382 ..... c 15 N71-17649 *
US-PATENT-3,526,460 ..... c 23 N71-16365 *
US-PATENT-3,526,473 ..... c 18 N71-15545 *
US-PATENT-3,526,580 ..... c 18 N71-16210 *
US-PATENT-3,526,611 ..... c 06 N71-11236 *
US-PATENT-3,526,845 ..... c 09 N71-13531 *
US-PATENT-3,526,897 ..... c 09 N71-13521 *
US-PATENT-3,527,724 ..... c 27 N78-33228 *
US-PATENT-3,529,480 ..... c 15 N71-17692 *
US-PATENT-3,529,928 ..... c 17 N71-16393 *
US-PATENT-3,530,336 ..... c 09 N71-13518 *
US-PATENT-3,531,964 ..... c 15 N71-18616 *
US-PATENT-3,531,978 ..... c 14 N71-18481 *
US-PATENT-3,531,982 ..... c 15 N71-18132 *
US-PATENT-3,531,989 ..... c 33 N71-15641 *
US-PATENT-3,532,118 ..... c 12 N71-18615 *
US-PATENT-3,532,128 ..... c 15 N71-18580 *
US-PATENT-3,532,427 ..... c 21 N71-19212 *
US-PATENT-3,532,428 ..... c 30 N71-15990 *
US-PATENT-3,532,538 ..... c 18 N71-16046 *
US-PATENT-3,532,551 ..... c 03 N71-11049 *
US-PATENT-3,532,568 ..... c 17 N71-16044 *
US-PATENT-3,532,673 ..... c 06 N71-11238 *
US-PATENT-3,532,807 ..... c 07 N71-19433 *
US-PATENT-3,532,819 ..... c 10 N71-19468 *
US-PATENT-3,532,866 ..... c 08 N71-18602 *
US-PATENT-3,532,880 ..... c 24 N71-16095 *
US-PATENT-3,532,894 ..... c 23 N71-16100 *
US-PATENT-3,532,948 ..... c 10 N71-18772 *
US-PATENT-3,532,960 ..... c 03 N71-12255 *
US-PATENT-3,532,973 ..... c 15 N71-17822 *
US-PATENT-3,532,975 ..... c 10 N71-19421 *
US-PATENT-3,532,979 ..... c 10 N71-12554 *
US-PATENT-3,532,985 ..... c 07 N71-19773 *
US-PATENT-3,533,001 ..... c 07 N71-24583 *
US-PATENT-3,533,006 ..... c 10 N72-28241 *
US-PATENT-3,533,074 ..... c 08 N71-12502 *
US-PATENT-3,533,093 ..... c 10 N71-19417 *
US-PATENT-3,533,098 ..... c 08 N71-18594 *
US-PATENT-3,534,365 ..... c 07 N71-19854 *
US-PATENT-3,534,367 ..... c 02 N71-19287 *
US-PATENT-3,534,375 ..... c 07 N71-11285 *
US-PATENT-3,534,376 ..... c 07 N71-26101 *
US-PATENT-3,534,406 ..... c 05 N71-11195 *
US-PATENT-3,534,407 ..... c 05 N71-11194 *
US-PATENT-3,534,479 ..... c 14 N71-17657 *
US-PATENT-3,534,480 ..... c 14 N71-17658 *
US-PATENT-3,534,485 ..... c 11 N71-18773 *
US-PATENT-3,534,555 ..... c 12 N71-17631 *
US-PATENT-3,534,584 ..... c 10 N71-13545 *
US-PATENT-3,534,585 ..... c 14 N71-17701 *
US-PATENT-3,534,592 ..... c 14 N71-17656 *
US-PATENT-3,534,596 ..... c 14 N71-17586 *
US-PATENT-3,534,597 ..... c 31 N71-15643 *
US-PATENT-3,534,650 ..... c 15 N71-17653 *
US-PATENT-3,534,686 ..... c 31 N71-15687 *
US-PATENT-3,534,727 ..... c 05 N71-11189 *
US-PATENT-3,534,765 ..... c 12 N71-17661 *
US-PATENT-3,534,826 ..... c 31 N71-15689 *
US-PATENT-3,534,836 ..... c 15 N71-17805 *
US-PATENT-3,534,909 ..... c 15 N71-17654 *
US-PATENT-3,534,924 ..... c 31 N71-15674 *
US-PATENT-3,534,925 ..... c 31 N71-15676 *
US-PATENT-3,534,926 ..... c 15 N71-19214 *
US-PATENT-3,534,930 ..... c 02 N71-13422 *
US-PATENT-3,535,012 ..... c 16 N71-15567 *
US-PATENT-3,535,013 ..... c 16 N71-15551 *
US-PATENT-3,535,014 ..... c 16 N71-15565 *
US-PATENT-3,535,024 ..... c 14 N71-17662 *
US-PATENT-3,535,041 ..... c 14 N71-17655 *
US-PATENT-3,535,110 ..... c 17 N71-15468 *
US-PATENT-3,535,130 ..... c 18 N71-15469 *
US-PATENT-3,535,165 ..... c 33 N71-15568 *
US-PATENT-3,535,179 ..... c 15 N71-17651 *
US-PATENT-3,535,352 ..... c 18 N71-15688 *
US-PATENT-3,535,446 ..... c 09 N71-12539 *
US-PATENT-3,535,451 ..... c 07 N71-11281 *
US-PATENT-3,535,497 ..... c 08 N71-24890 *
US-PATENT-3,535,543 ..... c 09 N71-13486 *
US-PATENT-3,535,547 ..... c 09 N71-12520 *
US-PATENT-3,535,554 ..... c 09 N71-12516 *
US-PATENT-3,535,560 ..... c 08 N71-12494 *
US-PATENT-3,535,562 ..... c 33 N71-27862 *
US-PATENT-3,535,570 ..... c 15 N71-24696 *
US-PATENT-3,535,586 ..... c 25 N71-15562 *
US-PATENT-3,535,602 ..... c 09 N71-13522 *
US-PATENT-3,535,642 ..... c 08 N71-12503 *
US-PATENT-3,535,644 ..... c 09 N71-12519 *
US-PATENT-3,535,657 ..... c 07 N71-12390 *
US-PATENT-3,535,658 ..... c 08 N71-12500 *
US-PATENT-3,535,683 ..... c 31 N71-15566 *
US-PATENT-3,535,696 ..... c 08 N71-12506 *
US-PATENT-3,535,702 ..... c 09 N71-12515 *
US-PATENT-3,536,103 ..... c 15 N71-19213 *
US-PATENT-3,537,096 ..... c 08 N71-12507 *
US-PATENT-3,537,103 ..... c 08 N71-24650 *
US-PATENT-3,537,107 ..... c 05 N71-24730 *
US-PATENT-3,537,305 ..... c 26 N71-25490 *
US-PATENT-3,537,515 ..... c 09 N71-24807 *
US-PATENT-3,537,668 ..... c 05 N71-24728 *
US-PATENT-3,537,672 ..... c 15 N71-24694 *
US-PATENT-3,538,053 ..... c 27 N78-17214 *
US-PATENT-3,539,905 ..... c 09 N71-24800 *
US-PATENT-3,540,045 ..... c 09 N71-24595 *
US-PATENT-3,540,048 ..... c 31 N71-24813 *
US-PATENT-3,540,050 ..... c 09 N71-24804 *
US-PATENT-3,540,054 ..... c 07 N71-24625 *
US-PATENT-3,540,056 ..... c 07 N71-24614 *
US-PATENT-3,540,250 ..... c 15 N71-24865 *
US-PATENT-3,540,449 ..... c 15 N71-24835 *
US-PATENT-3,540,615 ..... c 33 N71-25351 *
US-PATENT-3,540,676 ..... c 15 N71-24600 *
US-PATENT-3,540,790 ..... c 16 N71-26154 *
US-PATENT-3,540,802 ..... c 23 N71-24868 *
US-PATENT-3,540,942 ..... c 15 N71-24875 *
US-PATENT-3,540,989 ..... c 24 N71-25555 *
US-PATENT-3,541,250 ..... c 07 N71-24742 *
US-PATENT-3,541,312 ..... c 08 N71-24891 *
US-PATENT-3,541,314 ..... c 07 N71-24741 *
US-PATENT-3,541,346 ..... c 09 N71-24803 *
US-PATENT-3,541,361 ..... c 09 N71-24904 *
US-PATENT-3,541,422 ..... c 03 N71-24719 *
US-PATENT-3,541,428 ..... c 09 N71-24893 *
US-PATENT-3,541,439 ..... c 09 N71-24843 *
US-PATENT-3,541,450 ..... c 07 N71-24840 *
US-PATENT-3,541,459 ..... c 10 N71-24844 *
US-PATENT-3,541,479 ..... c 09 N71-24841 *
US-PATENT-3,541,486 ..... c 16 N71-28554 *
US-PATENT-3,541,679 ..... c 03 N71-24681 *
US-PATENT-3,541,825 ..... c 15 N71-24836 *
US-PATENT-3,541,875 ..... c 15 N71-24984 *
US-PATENT-3,543,050 ..... c 10 N71-24862 *
US-PATENT-3,543,159 ..... c 09 N71-24717 *
US-PATENT-3,543,839 ..... c 34 N78-17337 *
US-PATENT-3,545,208 ..... c 28 N71-25213 *
US-PATENT-3,545,226 ..... c 23 N71-24725 *
US-PATENT-3,545,252 ..... c 11 N71-24985 *
US-PATENT-3,545,262 ..... c 38 N76-28563 *
US-PATENT-3,545,275 ..... c 09 N71-24597 *
US-PATENT-3,545,725 ..... c 15 N71-24599 *
US-PATENT-3,545,792 ..... c 15 N71-24903 *
US-PATENT-3,546,386 ..... c 07 N71-24621 *
US-PATENT-3,546,471 ..... c 14 N71-24864 *
US-PATENT-3,546,552 ..... c 15 N71-24895 *
US-PATENT-3,546,553 ..... c 09 N71-24805 *
US-PATENT-3,546,684 ..... c 07 N71-24624 *
US-PATENT-3,546,694 ..... c 10 N71-24798 *
US-PATENT-3,546,705 ..... c 09 N71-24842 *

US-PATENT-3,546,917 ..... c 15 N71-24679 *
US-PATENT-3,546,920 ..... c 06 N71-24607 *
US-PATENT-3,546,931 ..... c 32 N71-25360 *
US-PATENT-3,547,105 ..... c 09 N71-24618 *
US-PATENT-3,547,376 ..... c 31 N71-25434 *
US-PATENT-3,547,540 ..... c 16 N71-24828 *
US-PATENT-3,547,801 ..... c 03 N71-24718 *
US-PATENT-3,548,107 ..... c 07 N71-24622 *
US-PATENT-3,548,633 ..... c 18 N71-24934 *
US-PATENT-3,548,636 ..... c 15 N71-24910 *
US-PATENT-3,548,812 ..... c 05 N71-24729 *
US-PATENT-3,548,930 ..... c 33 N71-25353 *
US-PATENT-3,549,435 ..... c 14 N72-28438 *
US-PATENT-3,549,564 ..... c 06 N71-24739 *
US-PATENT-3,549,799 ..... c 09 N71-25866 *
US-PATENT-3,549,882 ..... c 15 N71-24896 *
US-PATENT-3,549,955 ..... c 09 N71-24892 *
US-PATENT-3,550,023 ..... c 09 N71-24806 *
US-PATENT-3,550,034 ..... c 16 N71-24832 *
US-PATENT-3,550,129 ..... c 21 N71-24948 *
US-PATENT-3,550,585 ..... c 05 N71-24738 *
US-PATENT-3,551,266 ..... c 33 N71-24858 *
US-PATENT-3,551,816 ..... c 07 N71-24613 *
US-PATENT-3,551,831 ..... c 33 N75-27251 *
US-PATENT-3,552,124 ..... c 28 N71-26642 *
US-PATENT-3,552,125 ..... c 28 N71-26173 *
US-PATENT-3,553,002 ..... c 18 N71-26100 *
US-PATENT-3,553,586 ..... c 07 N71-26292 *
US-PATENT-3,553,704 ..... c 10 N71-26142 *
US-PATENT-3,553,904 ..... c 15 N71-26134 *
US-PATENT-3,554,466 ..... c 31 N71-26537 *
US-PATENT-3,554,647 ..... c 23 N71-26206 *
US-PATENT-3,554,806 ..... c 03 N71-26084 *
US-PATENT-3,555,192 ..... c 07 N71-26181 *
US-PATENT-3,555,361 ..... c 10 N71-26531 *
US-PATENT-3,555,455 ..... c 23 N71-26722 *
US-PATENT-3,555,483 ..... c 35 N77-21393 *
US-PATENT-3,555,867 ..... c 15 N71-26148 *
US-PATENT-3,555,898 ..... c 12 N71-26546 *
US-PATENT-3,556,048 ..... c 09 N71-26701 *
US-PATENT-3,556,634 ..... c 07 N71-26291 *
US-PATENT-3,557,027 ..... c 06 N71-25929 *
US-PATENT-3,557,534 ..... c 15 N71-26185 *
US-PATENT-3,559,031 ..... c 10 N71-26085 *
US-PATENT-3,559,096 ..... c 10 N71-25882 *
US-PATENT-3,559,460 ..... c 14 N71-26672 *
US-PATENT-3,559,937 ..... c 14 N71-26627 *
US-PATENT-3,560,081 ..... c 19 N71-26674 *
US-PATENT-3,560,161 ..... c 06 N71-26754 *
US-PATENT-3,561,828 ..... c 15 N71-26189 *
US-PATENT-3,562,575 ..... c 09 N71-26182 *
US-PATENT-3,562,631 ..... c 14 N71-26137 *
US-PATENT-3,562,857 ..... c 15 N71-26721 *
US-PATENT-3,562,881 ..... c 09 N71-26678 *
US-PATENT-3,562,919 ..... c 15 N71-26145 *
US-PATENT-3,563,135 ..... c 15 N71-27147 *
US-PATENT-3,563,198 ..... c 18 N71-26285 *
US-PATENT-3,563,232 ..... c 05 N71-27234 *
US-PATENT-3,563,307 ..... c 15 N71-26611 *
US-PATENT-3,563,668 ..... c 14 N71-26788 *
US-PATENT-3,563,727 ..... c 15 N71-27184 *
US-PATENT-3,563,918 ..... c 06 N71-27363 *
US-PATENT-3,564,234 ..... c 09 N71-26787 *
US-PATENT-3,564,401 ..... c 14 N71-26135 *
US-PATENT-3,564,420 ..... c 14 N71-26774 *
US-PATENT-3,564,564 ..... c 15 N71-26162 *
US-PATENT-3,564,866 ..... c 23 N71-26654 *
US-PATENT-3,564,906 ..... c 32 N71-26681 *
US-PATENT-3,565,530 ..... c 15 N71-26673 *
US-PATENT-3,565,584 ..... c 15 N71-27372 *
US-PATENT-3,565,607 ..... c 17 N71-26773 *
US-PATENT-3,565,719 ..... c 03 N71-26726 *
US-PATENT-3,566,027 ..... c 07 N71-27341 *
US-PATENT-3,566,045 ..... c 08 N71-27210 *
US-PATENT-3,566,122 ..... c 14 N71-27323 *
US-PATENT-3,566,143 ..... c 14 N71-27407 *
US-PATENT-3,566,158 ..... c 10 N71-27126 *
US-PATENT-3,566,268 ..... c 10 N71-26577 *
US-PATENT-3,566,396 ..... c 10 N71-26544 *
US-PATENT-3,566,459 ..... c 14 N71-27334 *
US-PATENT-3,566,676 ..... c 14 N71-26199 *
US-PATENT-3,566,993 ..... c 15 N71-27169 *
US-PATENT-3,567,155 ..... c 21 N71-27324 *
US-PATENT-3,567,339 ..... c 15 N71-27084 *
US-PATENT-3,567,651 ..... c 18 N71-27170 *
US-PATENT-3,567,677 ..... c 18 N71-25881 *
US-PATENT-3,567,861 ..... c 10 N71-25865 *
US-PATENT-3,567,913 ..... c 10 N71-27137 *
US-PATENT-3,567,927 ..... c 14 N71-28863 *
US-PATENT-3,568,010 ..... c 09 N71-27232 *
US-PATENT-3,568,028 ..... c 10 N71-27136 *
US-PATENT-3,568,103 ..... c 10 N71-25900 *
US-PATENT-3,568,197 ..... c 07 N71-27056 *
US-PATENT-3,568,447 ..... c 15 N71-27432 *
US-PATENT-3,568,572 ..... c 15 N71-27754 *
US-PATENT-3,568,702 ..... c 10 N71-25899 *
US-PATENT-3,568,748 ..... c 15 N71-27091 *
US-PATENT-3,568,795 ..... c 15 N71-27067 *
US-PATENT-3,568,805 ..... c 15 N71-27146 *
US-PATENT-3,568,874 ..... c 15 N71-27068 *
US-PATENT-3,568,885 ..... c 14 N71-27005 *
US-PATENT-3,569,710 ..... c 14 N71-25901 *
US-PATENT-3,569,744 ..... c 09 N71-27016 *
US-PATENT-3,569,804 ..... c 09 N71-25999 *
US-PATENT-3,569,827 ..... c 18 N71-27397 *
US-PATENT-3,569,828 ..... c 14 N71-27186 *
US-PATENT-3,569,866 ..... c 10 N71-27271 *
US-PATENT-3,569,875 ..... c 07 N71-27191 *
US-PATENT-3,569,956 ..... c 10 N71-25917 *
US-PATENT-3,569,976 ..... c 07 N71-27233 *
US-PATENT-3,570,143 ..... c 10 N71-27365 *
US-PATENT-3,570,364 ..... c 28 N71-26779 *
US-PATENT-3,570,513 ..... c 12 N71-27332 *
US-PATENT-3,570,785 ..... c 28 N71-27585 *
US-PATENT-3,570,789 ..... c 02 N71-27088 *
US-PATENT-3,571,555 ..... c 15 N71-27135 *
US-PATENT-3,571,656 ..... c 09 N71-27001 *
US-PATENT-3,571,662 ..... c 10 N71-27366 *
US-PATENT-3,571,693 ..... c 09 N71-27364 *
US-PATENT-3,571,699 ..... c 09 N71-27053 *
US-PATENT-3,571,700 ..... c 14 N71-27325 *
US-PATENT-3,571,707 ..... c 10 N71-27338 *
US-PATENT-3,571,800 ..... c 10 N71-27272 *
US-PATENT-3,571,801 ..... c 08 N71-27255 *
US-PATENT-3,572,089 ..... c 14 N71-27185 *
US-PATENT-3,572,104 ..... c 28 N71-27094 *
US-PATENT-3,572,112 ..... c 15 N71-27006 *
US-PATENT-3,572,610 ..... c 28 N71-27095 *
US-PATENT-3,572,935 ..... c 14 N71-27215 *
US-PATENT-3,573,078 ..... c 27 N82-29451 *
US-PATENT-3,573,470 ..... c 74 N78-33913 *
US-PATENT-3,573,504 ..... c 33 N78-17294 *
US-PATENT-3,573,583 ..... c 09 N71-28886 *
US-PATENT-3,573,797 ..... c 08 N71-27057 *
US-PATENT-3,573,977 ..... c 15 N71-28582 *
US-PATENT-3,573,986 ..... c 03 N71-28579 *
US-PATENT-3,573,996 ..... c 18 N71-29040 *
US-PATENT-3,574,057 ..... c 22 N71-28759 *
US-PATENT-3,574,084 ..... c 14 N71-28933 *
US-PATENT-3,574,277 ..... c 15 N71-28467 *
US-PATENT-3,574,286 ..... c 11 N71-27036 *
US-PATENT-3,574,438 ..... c 07 N71-29065 *
US-PATENT-3,574,448 ..... c 23 N71-29123 *
US-PATENT-3,574,462 ..... c 14 N71-29041 *
US-PATENT-3,574,467 ..... c 23 N71-29125 *
US-PATENT-3,574,470 ..... c 14 N71-28993 *
US-PATENT-3,574,770 ..... c 06 N71-27254 *
US-PATENT-3,575,336 ..... c 15 N71-27214 *
US-PATENT-3,575,585 ..... c 14 N71-27058 *
US-PATENT-3,575,597 ..... c 14 N71-27090 *
US-PATENT-3,575,602 ..... c 16 N71-27183 *
US-PATENT-3,575,638 ..... c 09 N71-26133 *
US-PATENT-3,575,641 ..... c 10 N71-26334 *
US-PATENT-3,576,107 ..... c 28 N71-26781 *
US-PATENT-3,576,127 ..... c 14 N71-26161 *
US-PATENT-3,576,135 ..... c 15 N71-26635 *
US-PATENT-3,576,301 ..... c 02 N71-26110 *
US-PATENT-3,576,656 ..... c 18 N71-26772 *
US-PATENT-3,576,669 ..... c 15 N71-29032 *
US-PATENT-3,576,723 ..... c 09 N71-28691 *
US-PATENT-3,576,786 ..... c 06 N71-28620 *
US-PATENT-3,577,014 ..... c 10 N71-28860 *
US-PATENT-3,577,092 ..... c 07 N71-28430 *
US-PATENT-3,577,356 ..... c 06 N73-30102 *
US-PATENT-3,578,755 ..... c 14 N71-29134 *
US-PATENT-3,578,756 ..... c 11 N71-28629 *
US-PATENT-3,578,758 ..... c 14 N71-28992 *
US-PATENT-3,578,838 ..... c 16 N71-29131 *
US-PATENT-3,578,867 ..... c 14 N71-28994 *
US-PATENT-3,578,957 ..... c 08 N71-29033 *
US-PATENT-3,578,988 ..... c 09 N71-29139 *
US-PATENT-3,578,992 ..... c 09 N71-28421 *
US-PATENT-3,579,041 ..... c 09 N71-29008 *
US-PATENT-3,579,103 ..... c 14 N71-28991 *
US-PATENT-3,579,122 ..... c 08 N71-29034 *
US-PATENT-3,579,146 ..... c 08 N71-29138 *
US-PATENT-3,579,147 ..... c 07 N71-28429 *
US-PATENT-3,579,168 ..... c 09 N71-29035 *
US-PATENT-3,579,242 ..... c 07 N71-28980 *
US-PATENT-3,579,390 ..... c 18 N71-28729 *
US-PATENT-3,579,412 ..... c 17 N71-28747 *
US-PATENT-3,581,492 ..... c 28 N71-28915 *
US-PATENT-3,582,828 ..... c 33 N77-21314 *
US-PATENT-3,582,960 ..... c 09 N71-28618 *
US-PATENT-3,583,058 ..... c 15 N71-29018 *
US-PATENT-3,583,239 ..... c 15 N71-29132 *
US-PATENT-3,583,322 ..... c 05 N71-28619 *
US-PATENT-3,583,419 ..... c 12 N71-28741 *
US-PATENT-3,583,744 ..... c 15 N71-29133 *
US-PATENT-3,583,777 ..... c 15 N71-28465 *
US-PATENT-3,583,815 ..... c 15 N71-28740 *
US-PATENT-3,584,311 ..... c 09 N71-28468 *
US-PATENT-3,584,660 ..... c 15 N72-12408 *
US-PATENT-3,585,514 ..... c 10 N71-33129 *
US-PATENT-3,585,882 ..... c 15 N71-33518 *
US-PATENT-3,586,261 ..... c 31 N71-33160 *
US-PATENT-3,587,306 ..... c 11 N71-33612 *
US-PATENT-3,587,424 ..... c 16 N71-33410 *
US-PATENT-3,588,220 ..... c 23 N71-33229 *
US-PATENT-3,588,331 ..... c 07 N72-12081 *
US-PATENT-3,588,359 ..... c 07 N71-33108 *
US-PATENT-3,588,483 ..... c 08 N71-33110 *
US-PATENT-3,588,648 ..... c 07 N71-33613 *
US-PATENT-3,588,671 ..... c 09 N71-33109 *
US-PATENT-3,588,705 ..... c 07 N71-33696 *
US-PATENT-3,588,751 ..... c 07 N71-33606 *
US-PATENT-3,588,874 ..... c 09 N71-33519 *
US-PATENT-3,588,883 ..... c 10 N71-33407 *
US-PATENT-3,591,420 ..... c 03 N71-33409 *
US-PATENT-3,591,426 ..... c 17 N71-33408 *
US-PATENT-3,591,885 ..... c 15 N72-11390 *
US-PATENT-3,591,960 ..... c 15 N72-12409 *
US-PATENT-3,591,967 ..... c 28 N72-11709 *
US-PATENT-3,592,422 ..... c 15 N72-11391 *
US-PATENT-3,592,478 ..... c 09 N72-11224 *
US-PATENT-3,592,505 ..... c 05 N72-11085 *
US-PATENT-3,592,545 ..... c 14 N72-11364 *
US-PATENT-3,592,559 ..... c 02 N72-11018 *
US-PATENT-3,592,628 ..... c 15 N72-11387 *
US-PATENT-3,592,768 ..... c 15 N72-11389 *
US-PATENT-3,593,001 ..... c 15 N72-11392 *
US-PATENT-3,593,024 ..... c 24 N72-11595 *
US-PATENT-3,593,132 ..... c 09 N72-11225 *
US-PATENT-3,593,138 ..... c 07 N72-11149 *
US-PATENT-3,593,175 ..... c 10 N72-11256 *
US-PATENT-3,593,180 ..... c 07 N72-11150 *
US-PATENT-3,593,194 ..... c 16 N72-12440 *
US-PATENT-3,594,790 ..... c 07 N72-12080 *
US-PATENT-3,594,803 ..... c 09 N72-12136 *
US-PATENT-3,596,465 ..... c 28 N72-11708 *
US-PATENT-3,596,510 ..... c 14 N72-11363 *
US-PATENT-3,596,554 ..... c 15 N72-11385 *
US-PATENT-3,596,863 ..... c 15 N72-11386 *
US-PATENT-3,597,281 ..... c 03 N72-11062 *
US-PATENT-3,598,921 ..... c 08 N72-11171 *
US-PATENT-3,599,216 ..... c 07 N72-11148 *
US-PATENT-3,599,335 ..... c 08 N72-11172 *
US-PATENT-3,599,443 ..... c 05 N72-11084 *
US-PATENT-3,599,489 ..... c 14 N72-11365 *
US-PATENT-3,600,046 ..... c 15 N72-11388 *
US-PATENT-3,600,599 ..... c 33 N78-17296 *
US-PATENT-3,602,920 ..... c 11 N72-17183 *
US-PATENT-3,602,923 ..... c 05 N72-22093 *
US-PATENT-3,602,979 ..... c 15 N72-22492 *
US-PATENT-3,602,984 ..... c 26 N72-17820 *
US-PATENT-3,603,092 ..... c 28 N72-17843 *
US-PATENT-3,603,093 ..... c 28 N72-18766 *
US-PATENT-3,603,260 ..... c 33 N72-17947 *
US-PATENT-3,603,285 ..... c 25 N75-29192 *
US-PATENT-3,603,382 ..... c 33 N72-17948 *
US-PATENT-3,603,433 ..... c 15 N72-17450 *
US-PATENT-3,603,532 ..... c 30 N72-17873 *
US-PATENT-3,603,683 ..... c 14 N72-17326 *
US-PATENT-3,603,686 ..... c 16 N72-13437 *
US-PATENT-3,603,690 ..... c 14 N72-17323 *
US-PATENT-3,603,722 ..... c 07 N72-17109 *
US-PATENT-3,603,772 ..... c 08 N72-22166 *
US-PATENT-3,603,798 ..... c 09 N72-17152 *
US-PATENT-3,603,864 ..... c 09 N72-17154 *
US-PATENT-3,603,892 ..... c 09 N72-17155 *
US-PATENT-3,603,946 ..... c 09 N72-17153 *
US-PATENT-3,603,974 ..... c 14 N72-18411 *
US-PATENT-3,603,976 ..... c 08 N72-18184 *
US-PATENT-3,605,032 ..... c 10 N72-17172 *
US-PATENT-3,605,424 ..... c 15 N72-17453 *
US-PATENT-3,605,482 ..... c 14 N72-16282 *
US-PATENT-3,605,495 ..... c 14 N72-17327 *
US-PATENT-3,605,519 ..... c 14 N72-17324 *
US-PATENT-3,606,212 ..... c 31 N72-18859 *
US-PATENT-3,606,470 ..... c 46 N74-23068 *
US-PATENT-3,606,522 ..... c 23 N72-23695 *
US-PATENT-3,606,979 ..... c 15 N72-17454 *
US-PATENT-3,607,015 ..... c 06 N72-17093 *
US-PATENT-3,607,076 ..... c 06 N72-17094 *
US-PATENT-3,607,080 ..... c 06 N72-17095 *
US-PATENT-3,607,338 ..... c 18 N72-17532 *
US-PATENT-3,607,401 ..... c 03 N72-15986 *
US-PATENT-3,607,495 ..... c 15 N72-16330 *
US-PATENT-3,608,046 ..... c 15 N72-16329 *
US-PATENT-3,608,365 ..... c 15 N72-17452 *
US-PATENT-3,608,409 ..... c 14 N72-16283 *
US-PATENT-3,608,844 ..... c 15 N72-18477 *
US-PATENT-3,609,230 ..... c 09 N72-17156 *
US-PATENT-3,609,271 ..... c 09 N72-22204 *
US-PATENT-3,609,327 ..... c 08 N72-22167 *
US-PATENT-3,609,353 ..... c 14 N72-17328 *
US-PATENT-3,609,364 ..... c 10 N72-17173 *
US-PATENT-3,609,387 ..... c 09 N72-17157 *

US-PATENT-3,609,535 ..... c 14 N72-17325 *
US-PATENT-3,609,567 ..... c 10 N72-17171 *
US-PATENT-3,609,740 ..... c 05 N72-16015 *
US-PATENT-3,610,365 ..... c 15 N72-17451 *
US-PATENT-3,611,274 ..... c 15 N72-17455 *
US-PATENT-3,611,330 ..... c 23 N72-17747 *
US-PATENT-3,611,798 ..... c 14 N72-22437 *
US-PATENT-3,611,801 ..... c 14 N72-17329 *
US-PATENT-3,612,030 ..... c 46 N74-23069 *
US-PATENT-3,612,391 ..... c 11 N72-22245 *
US-PATENT-3,612,442 ..... c 28 N72-22769 *
US-PATENT-3,612,645 ..... c 14 N72-22441 *
US-PATENT-3,612,743 ..... c 09 N72-22198 *
US-PATENT-3,612,895 ..... c 09 N72-22197 *
US-PATENT-3,613,110 ..... c 08 N72-21199 *
US-PATENT-3,613,111 ..... c 08 N72-21200 *
US-PATENT-3,613,370 ..... c 28 N72-22770 *
US-PATENT-3,613,454 ..... c 35 N77-27368 *
US-PATENT-3,613,457 ..... c 15 N72-22482 *
US-PATENT-3,613,794 ..... c 12 N72-21310 *
US-PATENT-3,614,228 ..... c 14 N72-21409 *
US-PATENT-3,614,327 ..... c 08 N72-22162 *
US-PATENT-3,614,343 ..... c 07 N72-21119 *
US-PATENT-3,614,431 ..... c 14 N72-21408 *
US-PATENT-3,614,475 ..... c 10 N72-16172 *
US-PATENT-3,614,557 ..... c 26 N72-21701 *
US-PATENT-3,614,587 ..... c 09 N72-22196 *
US-PATENT-3,614,648 ..... c 09 N72-21247 *
US-PATENT-3,614,772 ..... c 08 N72-22163 *
US-PATENT-3,614,898 ..... c 15 N72-21462 *
US-PATENT-3,614,899 ..... c 09 N72-22195 *
US-PATENT-3,615,021 ..... c 15 N72-22483 *
US-PATENT-3,615,241 ..... c 15 N72-21465 *
US-PATENT-3,615,465 ..... c 06 N72-21094 *
US-PATENT-3,615,853 ..... c 03 N72-22042 *
US-PATENT-3,616,338 ..... c 15 N72-21466 *
US-PATENT-3,616,528 ..... c 03 N72-22041 *
US-PATENT-3,617,804 ..... c 25 N72-24753 *
US-PATENT-3,619,896 ..... c 15 N72-22487 *
US-PATENT-3,619,924 ..... c 11 N72-22247 *
US-PATENT-3,620,018 ..... c 28 N72-22771 *
US-PATENT-3,620,069 ..... c 14 N72-22440 *
US-PATENT-3,620,076 ..... c 11 N72-22246 *
US-PATENT-3,620,083 ..... c 14 N72-22438 *
US-PATENT-3,620,095 ..... c 15 N72-21463 *
US-PATENT-3,620,585 ..... c 15 N72-22490 *
US-PATENT-3,620,595 ..... c 14 N72-22445 *
US-PATENT-3,620,606 ..... c 23 N72-22673 *
US-PATENT-3,620,718 ..... c 17 N72-22535 *
US-PATENT-3,620,784 ..... c 18 N72-23581 *
US-PATENT-3,620,791 ..... c 18 N72-22566 *
US-PATENT-3,620,846 ..... c 31 N72-22874 *
US-PATENT-3,621,130 ..... c 08 N72-22164 *
US-PATENT-3,621,193 ..... c 15 N72-23497 *
US-PATENT-3,621,194 ..... c 15 N72-22491 *
US-PATENT-3,621,228 ..... c 08 N72-22165 *
US-PATENT-3,621,277 ..... c 10 N72-22236 *
US-PATENT-3,621,285 ..... c 09 N72-22200 *
US-PATENT-3,621,287 ..... c 09 N72-22201 *
US-PATENT-3,621,290 ..... c 09 N72-22202 *
US-PATENT-3,621,294 ..... c 09 N72-23171 *
US-PATENT-3,621,330 ..... c 33 N77-21316 *
US-PATENT-3,621,362 ..... c 09 N72-22203 *
US-PATENT-3,621,372 ..... c 09 N72-25249 *
US-PATENT-3,621,406 ..... c 09 N72-33204 *
US-PATENT-3,621,407 ..... c 09 N72-21245 *
US-PATENT-3,621,565 ..... c 09 N72-22199 *
US-PATENT-3,623,030 ..... c 08 N72-21198 *
US-PATENT-3,623,094 ..... c 10 N72-22235 *
US-PATENT-3,623,107 ..... c 07 N72-21117 *
US-PATENT-3,623,114 ..... c 07 N72-22127 *
US-PATENT-3,623,359 ..... c 35 N77-27367 *
US-PATENT-3,623,360 ..... c 14 N72-21405 *
US-PATENT-3,623,361 ..... c 14 N72-21407 *
US-PATENT-3,623,394 ..... c 15 N72-22488 *
US-PATENT-3,623,828 ..... c 15 N72-22489 *
US-PATENT-3,623,861 ..... c 17 N72-22530 *
US-PATENT-3,624,496 ..... c 15 N72-21464 *
US-PATENT-3,624,598 ..... c 21 N72-22619 *
US-PATENT-3,624,650 ..... c 07 N72-21118 *
US-PATENT-3,624,659 ..... c 09 N72-21246 *
US-PATENT-3,624,839 ..... c 05 N72-20098 *
US-PATENT-3,625,018 ..... c 15 N72-22484 *
US-PATENT-3,625,084 ..... c 15 N72-22485 *
US-PATENT-3,625,766 ..... c 03 N72-20032 *
US-PATENT-3,626,114 ..... c 35 N79-16246 *
US-PATENT-3,626,189 ..... c 14 N72-20381 *
US-PATENT-3,626,218 ..... c 14 N72-22439 *
US-PATENT-3,626,298 ..... c 07 N72-20140 *
US-PATENT-3,626,308 ..... c 10 N72-20223 *
US-PATENT-3,626,828 ..... c 14 N72-20380 *
US-PATENT-3,628,113 ..... c 37 N77-27400 *
US-PATENT-3,629,068 ..... c 22 N72-20597 *
US-PATENT-3,629,161 ..... c 18 N72-22567 *
US-PATENT-3,630,276 ..... c 33 N72-20915 *
US-PATENT-3,630,304 ..... c 11 N72-20244 *
US-PATENT-3,630,627 ..... c 03 N72-20033 *
US-PATENT-3,631,339 ..... c 08 N72-20177 *
US-PATENT-3,631,351 ..... c 10 N72-20224 *
US-PATENT-3,631,382 ..... c 09 N72-20200 *
US-PATENT-3,631,737 ..... c 15 N72-28495 *
US-PATENT-3,632,081 ..... c 15 N72-20442 *
US-PATENT-3,632,140 ..... c 15 N72-20445 *
US-PATENT-3,632,242 ..... c 15 N72-20446 *
US-PATENT-3,632,923 ..... c 09 N72-20199 *
US-PATENT-3,632,996 ..... c 08 N72-20176 *
US-PATENT-3,633,048 ..... c 10 N72-20221 *
US-PATENT-3,633,110 ..... c 07 N72-20141 *
US-PATENT-3,634,383 ..... c 27 N73-22710 *
US-PATENT-3,635,216 ..... c 05 N72-20096 *
US-PATENT-3,635,537 ..... c 33 N80-14330 *
US-PATENT-3,635,765 ..... c 03 N72-20034 *
US-PATENT-3,636,539 ..... c 03 N72-20031 *
US-PATENT-3,636,564 ..... c 05 N72-22092 *
US-PATENT-3,636,623 ..... c 15 N72-20444 *
US-PATENT-3,636,711 ..... c 28 N72-20758 *
US-PATENT-3,636,966 ..... c 05 N72-20097 *
US-PATENT-3,637,051 ..... c 15 N72-20443 *
US-PATENT-3,637,170 ..... c 21 N72-21624 *
US-PATENT-3,637,312 ..... c 14 N72-20379 *
US-PATENT-3,637,842 ..... c 06 N72-20121 *
US-PATENT-3,638,002 ..... c 08 N72-21197 *
US-PATENT-3,638,066 ..... c 10 N72-20225 *
US-PATENT-3,638,103 ..... c 09 N72-21243 *
US-PATENT-3,638,114 ..... c 10 N72-20222 *
US-PATENT-3,638,224 ..... c 09 N72-21244 *
US-PATENT-3,639,250 ..... c 14 N72-22443 *
US-PATENT-3,639,510 ..... c 06 N72-22107 *
US-PATENT-3,639,809 ..... c 15 N72-22486 *
US-PATENT-3,639,835 ..... c 14 N72-22442 *
US-PATENT-3,640,256 ..... c 28 N72-22772 *
US-PATENT-3,641,470 ..... c 35 N78-17359 *
US-PATENT-3,647,276 ..... c 14 N72-22444 *
US-PATENT-3,647,529 ..... c 27 N74-23125 *
US-PATENT-3,647,924 ..... c 11 N72-23215 *
US-PATENT-3,648,043 ..... c 09 N72-23173 *
US-PATENT-3,648,083 ..... c 12 N72-25292 *
US-PATENT-3,648,152 ..... c 03 N72-23048 *
US-PATENT-3,648,209 ..... c 09 N72-27226 *
US-PATENT-3,648,250 ..... c 09 N72-25248 *
US-PATENT-3,648,256 ..... c 08 N72-25207 *
US-PATENT-3,648,275 ..... c 08 N72-25206 *
US-PATENT-3,648,461 ..... c 28 N72-23810 *
US-PATENT-3,648,516 ..... c 35 N74-22095 *
US-PATENT-3,649,242 ..... c 15 N72-25448 *
US-PATENT-3,649,353 ..... c 26 N72-28762 *
US-PATENT-3,649,356 ..... c 15 N72-25447 *
US-PATENT-3,649,462 ..... c 11 N72-25284 *
US-PATENT-3,649,907 ..... c 09 N72-23172 *
US-PATENT-3,649,921 ..... c 05 N72-23085 *
US-PATENT-3,649,935 ..... c 07 N72-25170 *
US-PATENT-3,650,095 ..... c 14 N72-23457 *
US-PATENT-3,650,474 ..... c 28 N72-23809 *
US-PATENT-3,651,008 ..... c 27 N81-24258 *
US-PATENT-3,653,052 ..... c 09 N72-25247 *
US-PATENT-3,653,882 ..... c 18 N72-25539 *
US-PATENT-3,653,970 ..... c 03 N72-24037 *
US-PATENT-3,654,036 ..... c 03 N72-25019 *
US-PATENT-3,655,814 ..... c 27 N81-15104 *
US-PATENT-3,656,313 ..... c 23 N72-25619 *
US-PATENT-3,656,317 ..... c 33 N72-25911 *
US-PATENT-3,656,352 ..... c 14 N72-25411 *
US-PATENT-3,656,781 ..... c 15 N72-25450 *
US-PATENT-3,657,190 ..... c 23 N82-29358 *
US-PATENT-3,657,549 ..... c 14 N72-25409 *
US-PATENT-3,657,644 ..... c 14 N72-24477 *
US-PATENT-3,657,928 ..... c 14 N72-25410 *
US-PATENT-3,658,295 ..... c 15 N72-25451 *
US-PATENT-3,658,569 ..... c 15 N72-25452 *
US-PATENT-3,658,608 ..... c 27 N72-25699 *
US-PATENT-3,658,974 ..... c 15 N72-24522 *
US-PATENT-3,659,043 ..... c 14 N72-25412 *
US-PATENT-3,659,053 ..... c 08 N72-25208 *
US-PATENT-3,659,148 ..... c 09 N72-25250 *
US-PATENT-3,659,184 ..... c 09 N72-25251 *
US-PATENT-3,659,225 ..... c 16 N72-25485 *
US-PATENT-3,659,292 ..... c 08 N72-25209 *
US-PATENT-3,660,240 ..... c 06 N72-25149 *
US-PATENT-3,660,434 ..... c 06 N72-25148 *
US-PATENT-3,660,704 ..... c 15 N72-25456 *
US-PATENT-3,660,851 ..... c 05 N72-25119 *
US-PATENT-3,662,337 ..... c 08 N72-25210 *
US-PATENT-3,662,441 ..... c 05 N72-25121 *
US-PATENT-3,662,547 ..... c 15 N72-25455 *
US-PATENT-3,662,604 ..... c 13 N72-25323 *
US-PATENT-3,662,661 ..... c 31 N72-25842 *
US-PATENT-3,662,744 ..... c 05 N72-25122 *
US-PATENT-3,662,973 ..... c 21 N72-25595 *
US-PATENT-3,663,346 ..... c 18 N72-25541 *
US-PATENT-3,663,347 ..... c 18 N72-25540 *
US-PATENT-3,663,464 ..... c 06 N72-25147 *
US-PATENT-3,663,521 ..... c 06 N72-25152 *
US-PATENT-3,663,753 ..... c 14 N72-25414 *
US-PATENT-3,663,828 ..... c 09 N72-25262 *
US-PATENT-3,663,839 ..... c 09 N72-25260 *
US-PATENT-3,663,843 ..... c 09 N72-25255 *
US-PATENT-3,663,885 ..... c 09 N72-25257 *
US-PATENT-3,663,886 ..... c 09 N72-25258 *
US-PATENT-3,663,929 ..... c 09 N72-25256 *
US-PATENT-3,663,938 ..... c 03 N72-25020 *
US-PATENT-3,663,940 ..... c 09 N72-25252 *
US-PATENT-3,663,941 ..... c 09 N72-25253 *
US-PATENT-3,663,944 ..... c 09 N72-25254 *
US-PATENT-3,664,185 ..... c 15 N72-26371 *
US-PATENT-3,664,874 ..... c 09 N72-25259 *
US-PATENT-3,665,064 ..... c 05 N72-25120 *
US-PATENT-3,665,307 ..... c 15 N72-25457 *
US-PATENT-3,665,313 ..... c 07 N72-25173 *
US-PATENT-3,665,417 ..... c 07 N72-25172 *
US-PATENT-3,665,467 ..... c 14 N72-28437 *
US-PATENT-3,665,481 ..... c 07 N72-25174 *
US-PATENT-3,665,589 ..... c 09 N72-25261 *
US-PATENT-3,665,669 ..... c 15 N72-25454 *
US-PATENT-3,665,670 ..... c 11 N72-25287 *
US-PATENT-3,665,750 ..... c 33 N72-25913 *
US-PATENT-3,665,751 ..... c 32 N72-25877 *
US-PATENT-3,665,758 ..... c 11 N72-25288 *
US-PATENT-3,666,051 ..... c 15 N72-25453 *
US-PATENT-3,666,120 ..... c 03 N72-25021 *
US-PATENT-3,666,566 ..... c 03 N72-26031 *
US-PATENT-3,666,631 ..... c 14 N72-25413 *
US-PATENT-3,666,718 ..... c 06 N72-25151 *
US-PATENT-3,666,741 ..... c 06 N72-25150 *
US-PATENT-3,666,942 ..... c 06 N72-25146 *
US-PATENT-3,667,010 ..... c 26 N72-25679 *
US-PATENT-3,667,039 ..... c 26 N72-25680 *
US-PATENT-3,667,044 ..... c 07 N72-25171 *
US-PATENT-3,668,956 ..... c 15 N72-27485 *
US-PATENT-3,669,110 ..... c 05 N72-27103 *
US-PATENT-3,669,393 ..... c 15 N72-27484 *
US-PATENT-3,670,097 ..... c 23 N72-27728 *
US-PATENT-3,670,168 ..... c 14 N72-27409 *
US-PATENT-3,670,202 ..... c 14 N72-27411 *
US-PATENT-3,670,241 ..... c 14 N72-27408 *
US-PATENT-3,670,290 ..... c 09 N72-28225 *
US-PATENT-3,670,559 ..... c 33 N72-27959 *
US-PATENT-3,670,563 ..... c 14 N72-27412 *
US-PATENT-3,670,564 ..... c 11 N72-27262 *
US-PATENT-3,670,890 ..... c 05 N72-27102 *
US-PATENT-3,671,105 ..... c 26 N72-27784 *
US-PATENT-3,671,329 ..... c 14 N72-27410 *
US-PATENT-3,671,497 ..... c 06 N72-27144 *
US-PATENT-3,671,798 ..... c 10 N72-27246 *
US-PATENT-3,672,999 ..... c 03 N72-27053 *
US-PATENT-3,673,424 ..... c 09 N72-27227 *
US-PATENT-3,673,440 ..... c 09 N72-27228 *
US-PATENT-3,675,332 ..... c 14 N72-28436 *
US-PATENT-3,675,376 ..... c 15 N72-28496 *
US-PATENT-3,675,712 ..... c 03 N72-28025 *
US-PATENT-3,675,910 ..... c 17 N72-28535 *
US-PATENT-3,675,935 ..... c 15 N72-29488 *
US-PATENT-3,676,084 ..... c 17 N72-28536 *
US-PATENT-3,676,674 ..... c 14 N72-29464 *
US-PATENT-3,676,754 ..... c 26 N72-28761 *
US-PATENT-3,676,772 ..... c 10 N72-28240 *
US-PATENT-3,676,787 ..... c 16 N72-28521 *
US-PATENT-3,676,809 ..... c 09 N72-29172 *
US-PATENT-3,678,191 ..... c 10 N72-31273 *
US-PATENT-3,678,654 ..... c 06 N72-31140 *
US-PATENT-3,678,685 ..... c 21 N72-31637 *
US-PATENT-3,678,771 ..... c 37 N74-23070 *
US-PATENT-3,679,360 ..... c 04 N72-33072 *
US-PATENT-3,679,899 ..... c 06 N72-31141 *
US-PATENT-3,680,142 ..... c 09 N72-31235 *
US-PATENT-3,680,144 ..... c 07 N72-32169 *
US-PATENT-3,680,830 ..... c 15 N72-31483 *
US-PATENT-3,681,581 ..... c 08 N72-31226 *
US-PATENT-3,686,542 ..... c 14 N72-31446 *
US-PATENT-3,690,291 ..... c 15 N72-32487 *
US-PATENT-3,692,533 ..... c 05 N72-33096 *
US-PATENT-3,693,002 ..... c 25 N72-32688 *
US-PATENT-3,693,105 ..... c 10 N72-33230 *
US-PATENT-3,693,346 ..... c 15 N72-33477 *
US-PATENT-3,693,418 ..... c 14 N72-33377 *
US-PATENT-3,694,041 ..... c 15 N72-33476 *
US-PATENT-3,694,094 ..... c 14 N72-32452 *
US-PATENT-3,694,313 ..... c 24 N72-33681 *
US-PATENT-3,694,581 ..... c 08 N72-33172 *
US-PATENT-3,694,655 ..... c 25 N72-33696 *
US-PATENT-3,694,700 ..... c 09 N72-33205 *
US-PATENT-3,694,753 ..... c 07 N72-33146 *
US-PATENT-3,694,771 ..... c 09 N73-15235 *
US-PATENT-3,695,101 ..... c 11 N73-12264 *
US-PATENT-3,696,418 ..... c 09 N73-12211 *
US-PATENT-3,696,833 ..... c 11 N73-12265 *
US-PATENT-3,697,021 ..... c 15 N73-12486 *
US-PATENT-3,697,630 ..... c 15 N73-12489 *
US-PATENT-3,697,705 ..... c 35 N77-21392 *

US-PATENT-3,697,733 ..... c 08 N73-12176 *
US-PATENT-3,697,950 ..... c 08 N73-12177 *
US-PATENT-3,697,968 ..... c 21 N73-13644 *
US-PATENT-3,698,385 ..... c 05 N73-13114 *
US-PATENT-3,698,412 ..... c 14 N73-13418 *
US-PATENT-3,698,659 ..... c 11 N73-13257 *
US-PATENT-3,698,667 ..... c 02 N73-13008 *
US-PATENT-3,698,848 ..... c 15 N73-13464 *
US-PATENT-3,699,511 ..... c 21 N73-13643 *
US-PATENT-3,699,645 ..... c 14 N73-13417 *
US-PATENT-3,699,799 ..... c 15 N73-13463 *
US-PATENT-3,699,807 ..... c 14 N73-13416 *
US-PATENT-3,699,811 ..... c 14 N73-13415 *
US-PATENT-3,700,005 ..... c 15 N73-13462 *
US-PATENT-3,700,192 ..... c 31 N73-13898 *
US-PATENT-3,700,193 ..... c 30 N73-12884 *
US-PATENT-3,700,291 ..... c 15 N73-12488 *
US-PATENT-3,700,334 ..... c 14 N73-12446 *
US-PATENT-3,700,503 ..... c 14 N73-12447 *
US-PATENT-3,700,538 ..... c 18 N73-12604 *
US-PATENT-3,700,575 ..... c 15 N73-12487 *
US-PATENT-3,700,603 ..... c 14 N73-14428 *
US-PATENT-3,700,812 ..... c 10 N73-12244 *
US-PATENT-3,700,868 ..... c 09 N73-13209 *
US-PATENT-3,700,869 ..... c 08 N73-12175 *
US-PATENT-3,700,893 ..... c 14 N73-12444 *
US-PATENT-3,700,897 ..... c 14 N73-12445 *
US-PATENT-3,700,961 ..... c 23 N73-13660 *
US-PATENT-3,701,631 ..... c 17 N73-12547 *
US-PATENT-3,701,894 ..... c 07 N73-13149 *
US-PATENT-3,702,463 ..... c 08 N73-13187 *
US-PATENT-3,702,520 ..... c 32 N73-13921 *
US-PATENT-3,702,532 ..... c 15 N73-13467 *
US-PATENT-3,702,536 ..... c 28 N73-13773 *
US-PATENT-3,702,575 ..... c 15 N73-13466 *
US-PATENT-3,702,688 ..... c 31 N73-14854 *
US-PATENT-3,702,735 ..... c 23 N73-13661 *
US-PATENT-3,702,762 ..... c 06 N73-13129 *
US-PATENT-3,702,775 ..... c 06 N73-13128 *
US-PATENT-3,702,791 ..... c 15 N73-13465 *
US-PATENT-3,702,841 ..... c 18 N73-13562 *
US-PATENT-3,702,898 ..... c 10 N73-13235 *
US-PATENT-3,702,933 ..... c 23 N73-13662 *
US-PATENT-3,702,951 ..... c 09 N73-13208 *
US-PATENT-3,702,972 ..... c 16 N73-13489 *
US-PATENT-3,702,979 ..... c 14 N73-13420 *
US-PATENT-3,704,284 ..... c 74 N81-19898 *
US-PATENT-3,704,659 ..... c 14 N73-14427 *
US-PATENT-3,705,255 ..... c 15 N73-14469 *
US-PATENT-3,705,288 ..... c 15 N73-14468 *
US-PATENT-3,705,316 ..... c 09 N73-14214 *
US-PATENT-3,705,406 ..... c 07 N73-14130 *
US-PATENT-3,706,221 ..... c 14 N73-14429 *
US-PATENT-3,706,230 ..... c 31 N73-14855 *
US-PATENT-3,706,281 ..... c 31 N73-14853 *
US-PATENT-3,706,583 ..... c 18 N73-14584 *
US-PATENT-3,706,970 ..... c 21 N73-14692 *
US-PATENT-3,708,359 ..... c 27 N73-16764 *
US-PATENT-3,708,419 ..... c 33 N73-16918 *
US-PATENT-3,708,671 ..... c 14 N73-16483 *
US-PATENT-3,708,674 ..... c 14 N73-16484 *
US-PATENT-3,709,663 ..... c 06 N73-16106 *
US-PATENT-3,710,122 ..... c 16 N73-16536 *
US-PATENT-3,710,257 ..... c 07 N73-16121 *
US-PATENT-3,710,261 ..... c 10 N73-16205 *
US-PATENT-3,710,329 ..... c 10 N73-16206 *
US-PATENT-3,711,042 ..... c 02 N73-19004 *
US-PATENT-3,711,701 ..... c 74 N77-21941 *
US-PATENT-3,712,120 ..... c 14 N73-19421 *
US-PATENT-3,712,121 ..... c 14 N73-19420 *
US-PATENT-3,712,132 ..... c 14 N73-20478 *
US-PATENT-3,712,195 ..... c 14 N73-19419 *
US-PATENT-3,712,591 ..... c 15 N73-19458 *
US-PATENT-3,713,163 ..... c 09 N73-19234 *
US-PATENT-3,713,290 ..... c 28 N73-19793 *
US-PATENT-3,713,480 ..... c 05 N73-20137 *
US-PATENT-3,713,987 ..... c 15 N73-20514 *
US-PATENT-3,714,332 ..... c 15 N73-19457 *
US-PATENT-3,714,405 ..... c 10 N73-20253 *
US-PATENT-3,714,432 ..... c 14 N73-20475 *
US-PATENT-3,714,526 ..... c 09 N73-19235 *
US-PATENT-3,714,588 ..... c 09 N73-20231 *
US-PATENT-3,714,624 ..... c 14 N73-20474 *
US-PATENT-3,714,645 ..... c 08 N73-20217 *
US-PATENT-3,714,821 ..... c 14 N73-20476 *
US-PATENT-3,714,833 ..... c 11 N73-20267 *
US-PATENT-3,715,092 ..... c 03 N73-20039 *
US-PATENT-3,715,152 ..... c 23 N73-20741 *
US-PATENT-3,715,590 ..... c 14 N73-20477 *
US-PATENT-3,715,600 ..... c 03 N73-20040 *
US-PATENT-3,715,660 ..... c 07 N73-20175 *
US-PATENT-3,715,663 ..... c 07 N73-20174 *
US-PATENT-3,715,693 ..... c 09 N73-20232 *
US-PATENT-3,715,723 ..... c 07 N73-20176 *
US-PATENT-3,715,915 ..... c 32 N73-20740 *
US-PATENT-3,718,863 ..... c 10 N73-20254 *
US-PATENT-3,719,891 ..... c 07 N73-25160 *
US-PATENT-3,720,075 ..... c 33 N73-25952 *
US-PATENT-3,720,208 ..... c 05 N73-25125 *
US-PATENT-3,723,745 ..... c 14 N73-25462 *
US-PATENT-3,728,861 ..... c 28 N73-24783 *
US-PATENT-3,729,068 ..... c 15 N73-25512 *
US-PATENT-3,729,129 ..... c 08 N73-25206 *
US-PATENT-3,729,260 ..... c 14 N73-25463 *
US-PATENT-3,729,343 ..... c 14 N73-24472 *
US-PATENT-3,729,676 ..... c 14 N73-24473 *
US-PATENT-3,729,736 ..... c 07 N73-25161 *
US-PATENT-3,729,743 ..... c 07 N73-24176 *
US-PATENT-3,729,935 ..... c 28 N73-24784 *
US-PATENT-3,730,267 ..... c 11 N73-26238 *
US-PATENT-3,730,891 ..... c 18 N73-26572 *
US-PATENT-3,731,528 ..... c 12 N73-25262 *
US-PATENT-3,731,531 ..... c 14 N73-25460 *
US-PATENT-3,732,040 ..... c 15 N73-24513 *
US-PATENT-3,732,158 ..... c 17 N73-24569 *
US-PATENT-3,732,397 ..... c 33 N74-14935 *
US-PATENT-3,732,405 ..... c 10 N73-25240 *
US-PATENT-3,732,409 ..... c 08 N73-26175 *
US-PATENT-3,732,567 ..... c 14 N73-25461 *
US-PATENT-3,733,350 ..... c 06 N73-26100 *
US-PATENT-3,733,424 ..... c 32 N73-26910 *
US-PATENT-3,733,463 ..... c 14 N73-26430 *
US-PATENT-3,734,432 ..... c 02 N73-26004 *
US-PATENT-3,735,206 ..... c 10 N73-25243 *
US-PATENT-3,735,591 ..... c 25 N73-25760 *
US-PATENT-3,736,453 ..... c 33 N77-22386 *
US-PATENT-3,736,607 ..... c 02 N73-26006 *
US-PATENT-3,736,764 ..... c 05 N73-26071 *
US-PATENT-3,736,849 ..... c 14 N73-26431 *
US-PATENT-3,736,938 ..... c 05 N73-27062 *
US-PATENT-3,736,956 ..... c 15 N73-26472 *
US-PATENT-3,737,117 ..... c 31 N73-26876 *
US-PATENT-3,737,118 ..... c 15 N73-25513 *
US-PATENT-3,737,121 ..... c 02 N73-26005 *
US-PATENT-3,737,181 ..... c 33 N73-26958 *
US-PATENT-3,737,217 ..... c 05 N73-26072 *
US-PATENT-3,737,231 ..... c 07 N73-26119 *
US-PATENT-3,737,237 ..... c 26 N73-26751 *
US-PATENT-3,737,639 ..... c 10 N73-26230 *
US-PATENT-3,737,676 ..... c 10 N73-26229 *
US-PATENT-3,737,757 ..... c 10 N73-26228 *
US-PATENT-3,737,762 ..... c 14 N73-28486 *
US-PATENT-3,737,776 ..... c 07 N73-26118 *
US-PATENT-3,737,781 ..... c 10 N73-25241 *
US-PATENT-3,737,815 ..... c 09 N73-26195 *
US-PATENT-3,737,824 ..... c 26 N73-26752 *
US-PATENT-3,737,905 ..... c 14 N73-26432 *
US-PATENT-3,737,912 ..... c 07 N73-26117 *
US-PATENT-3,739,646 ..... c 04 N76-26175 *
US-PATENT-3,740,671 ..... c 10 N73-27171 *
US-PATENT-3,740,725 ..... c 08 N73-26176 *
US-PATENT-3,741,001 ..... c 14 N73-27376 * #
US-PATENT-3,742,316 ..... c 09 N73-27150 * #
US-PATENT-3,744,128 ..... c 09 N73-28083 *
US-PATENT-3,744,148 ..... c 14 N73-28489 *
US-PATENT-3,744,247 ..... c 28 N73-27699 *
US-PATENT-3,744,294 ..... c 14 N73-27379 *
US-PATENT-3,744,305 ..... c 12 N73-28144 *
US-PATENT-3,744,320 ..... c 14 N73-28487 *
US-PATENT-3,744,480 ..... c 05 N73-27941 *
US-PATENT-3,744,510 ..... c 15 N73-27406 *
US-PATENT-3,744,738 ..... c 14 N73-27378 *
US-PATENT-3,744,739 ..... c 15 N77-10112 *
US-PATENT-3,744,794 ..... c 14 N73-27377 *
US-PATENT-3,744,912 ..... c 16 N73-30476 *
US-PATENT-3,744,913 ..... c 14 N73-28490 *
US-PATENT-3,744,972 ..... c 17 N73-27446 *
US-PATENT-3,745,082 ..... c 18 N73-30532 *
US-PATENT-3,745,089 ..... c 06 N73-27086 *
US-PATENT-3,745,090 ..... c 04 N73-27052 *
US-PATENT-3,745,149 ..... c 06 N73-27980 *
US-PATENT-3,745,255 ..... c 07 N73-28012 *
US-PATENT-3,745,300 ..... c 15 N73-28515 *
US-PATENT-3,745,352 ..... c 08 N73-30135 *
US-PATENT-3,745,357 ..... c 14 N73-28488 *
US-PATENT-3,745,410 ..... c 09 N73-30181 *
US-PATENT-3,745,475 ..... c 14 N73-30386 *
US-PATENT-3,745,739 ..... c 15 N73-27405 *
US-PATENT-3,745,816 ..... c 33 N73-27796 *
US-PATENT-3,746,998 ..... c 07 N73-30113 *
US-PATENT-3,747,111 ..... c 07 N73-28013 *
US-PATENT-3,748,722 ..... c 15 N73-33383 *
US-PATENT-3,748,853 ..... c 23 N73-30665 *
US-PATENT-3,748,905 ..... c 14 N73-30395 *
US-PATENT-3,749,123 ..... c 15 N73-30459 *
US-PATENT-3,749,156 ..... c 31 N73-30829 *
US-PATENT-3,749,205 ..... c 15 N73-30460 *
US-PATENT-3,749,332 ..... c 31 N73-32750 *
US-PATENT-3,749,362 ..... c 15 N73-30457 *
US-PATENT-3,749,831 ..... c 07 N73-30115 *
US-PATENT-3,749,911 ..... c 14 N73-30389 *
US-PATENT-3,750,016 ..... c 14 N73-30388 *
US-PATENT-3,750,035 ..... c 33 N77-13315 *
US-PATENT-3,750,067 ..... c 09 N73-30185 *
US-PATENT-3,750,131 ..... c 10 N73-30205 *
US-PATENT-3,750,168 ..... c 21 N73-30641 *
US-PATENT-3,750,479 ..... c 05 N73-30078 *
US-PATENT-3,751,123 ..... c 15 N73-30458 *
US-PATENT-3,751,727 ..... c 05 N73-32012 *
US-PATENT-3,751,733 ..... c 05 N73-32013 *
US-PATENT-3,751,913 ..... c 06 N73-30097 *
US-PATENT-3,751,980 ..... c 14 N73-32326 *
US-PATENT-3,752,556 ..... c 35 N74-17153 *
US-PATENT-3,752,559 ..... c 14 N73-30393 *
US-PATENT-3,752,564 ..... c 23 N73-30666 *
US-PATENT-3,752,665 ..... c 18 N73-32437 *
US-PATENT-3,752,847 ..... c 06 N73-30098 *
US-PATENT-3,752,986 ..... c 14 N73-30392 *
US-PATENT-3,752,993 ..... c 21 N73-30640 *
US-PATENT-3,752,996 ..... c 91 N74-13130 *
US-PATENT-3,753,148 ..... c 09 N73-32111 *
US-PATENT-3,754,236 ..... c 08 N73-32081 *
US-PATENT-3,754,263 ..... c 09 N73-32110 *
US-PATENT-3,754,976 ..... c 15 N73-32360 *
US-PATENT-3,755,265 ..... c 06 N73-33076 *
US-PATENT-3,755,283 ..... c 06 N73-32029 *
US-PATENT-3,755,686 ..... c 03 N73-31988 *
US-PATENT-3,756,920 ..... c 05 N73-32011 *
US-PATENT-3,757,183 ..... c 09 N73-32107 *
US-PATENT-3,757,476 ..... c 31 N73-32749 *
US-PATENT-3,757,568 ..... c 14 N73-32323 *
US-PATENT-3,757,659 ..... c 14 N73-32322 *
US-PATENT-3,758,112 ..... c 05 N73-32014 *
US-PATENT-3,758,718 ..... c 10 N73-32143 *
US-PATENT-3,758,741 ..... c 15 N73-32358 *
US-PATENT-3,758,781 ..... c 14 N73-32317 *
US-PATENT-3,758,877 ..... c 16 N73-32391 *
US-PATENT-3,759,152 ..... c 14 N73-32319 *
US-PATENT-3,759,249 ..... c 05 N73-32015 *
US-PATENT-3,759,443 ..... c 28 N73-32606 *
US-PATENT-3,759,588 ..... c 15 N73-32359 *
US-PATENT-3,759,672 ..... c 14 N73-32320 *
US-PATENT-3,759,746 ..... c 09 N73-32108 *
US-PATENT-3,759,747 ..... c 44 N74-19692 *
US-PATENT-3,759,787 ..... c 22 N73-32528 *
US-PATENT-3,760,239 ..... c 09 N73-32112 *
US-PATENT-3,760,248 ..... c 10 N73-32145 *
US-PATENT-3,760,257 ..... c 09 N73-32109 *
US-PATENT-3,760,268 ..... c 14 N73-32318 *
US-PATENT-3,760,394 ..... c 10 N73-32144 *
US-PATENT-3,762,884 ..... c 17 N73-32414 *
US-PATENT-3,762,918 ..... c 17 N73-32415 *
US-PATENT-3,763,204 ..... c 06 N73-32030 *
US-PATENT-3,763,552 ..... c 26 N73-32571 *
US-PATENT-3,763,691 ..... c 14 N73-32327 *
US-PATENT-3,763,708 ..... c 35 N74-18323 *
US-PATENT-3,763,740 ..... c 11 N73-32152 *
US-PATENT-3,763,928 ..... c 33 N73-32818 *
US-PATENT-3,764,097 ..... c 02 N74-10034 *
US-PATENT-3,764,209 ..... c 14 N73-33361 *
US-PATENT-3,764,220 ..... c 16 N73-33397 *
US-PATENT-3,764,790 ..... c 33 N74-10223 *
US-PATENT-3,764,850 ..... c 33 N74-10195 *
US-PATENT-3,764,933 ..... c 33 N74-10194 *
US-PATENT-3,765,229 ..... c 35 N74-10415 *
US-PATENT-3,765,958 ..... c 26 N74-10521 *
US-PATENT-3,766,315 ..... c 32 N74-10132 *
US-PATENT-3,766,380 ..... c 35 N74-11284 *
US-PATENT-3,767,212 ..... c 37 N74-10474 *
US-PATENT-3,769,544 ..... c 31 N76-17238 *
US-PATENT-3,769,623 ..... c 32 N74-11000 *
US-PATENT-3,769,689 ..... c 37 N74-11301 *
US-PATENT-3,769,834 ..... c 52 N74-10975 *
US-PATENT-3,770,021 ..... c 33 N74-11050 *
US-PATENT-3,770,903 ..... c 35 N74-11283 *
US-PATENT-3,770,933 ..... c 37 N74-11300 *
US-PATENT-3,771,037 ..... c 08 N74-10942 *
US-PATENT-3,771,040 ..... c 33 N74-11049 *
US-PATENT-3,771,074 ..... c 36 N74-11313 *
US-PATENT-3,771,959 ..... c 25 N74-12813 *
US-PATENT-3,772,174 ..... c 27 N74-13270 *
US-PATENT-3,772,216 ..... c 27 N74-12812 *
US-PATENT-3,772,220 ..... c 27 N74-12814 *
US-PATENT-3,772,272 ..... c 33 N74-12887 *
US-PATENT-3,772,418 ..... c 31 N74-13177 *
US-PATENT-3,772,691 ..... c 32 N74-12912 *
US-PATENT-3,773,038 ..... c 52 N74-12778 *
US-PATENT-3,773,913 ..... c 46 N74-13011 *
US-PATENT-3,775,101 ..... c 37 N74-13179 *
US-PATENT-3,775,570 ..... c 35 N78-29421 *
US-PATENT-3,776,028 ..... c 35 N74-13129 *
US-PATENT-3,776,432 ..... c 37 N74-13178 *
US-PATENT-3,776,455 ..... c 04 N74-13420 *
US-PATENT-3,777,200 ..... c 33 N74-12913 *
US-PATENT-3,777,490 ..... c 20 N74-13502 *
US-PATENT-3,777,546 ..... c 35 N74-13132 *
US-PATENT-3,777,552 ..... c 38 N74-15130 *
US-PATENT-3,777,605 ..... c 39 N74-13131 *

US-PATENT-3,777,811 ..... c 34 N78-17336 *
US-PATENT-3,777,942 ..... c 54 N74-12779 *
US-PATENT-3,778,685 ..... c 33 N74-12951 *
US-PATENT-3,778,786 ..... c 60 N74-12888 *
US-PATENT-3,778,791 ..... c 36 N74-13205 *
US-PATENT-3,779,788 ..... c 70 N74-13436 *
US-PATENT-3,780,151 ..... c 31 N74-14133 *
US-PATENT-3,780,424 ..... c 44 N74-14784 *
US-PATENT-3,780,563 ..... c 35 N74-15092 *
US-PATENT-3,780,827 ..... c 07 N74-15453 *
US-PATENT-3,780,966 ..... c 19 N74-15089 *
US-PATENT-3,781,111 ..... c 36 N74-15145 *
US-PATENT-3,781,549 ..... c 35 N74-15090 *
US-PATENT-3,781,562 ..... c 35 N74-15091 *
US-PATENT-3,781,902 ..... c 35 N74-15831 *
US-PATENT-3,781,933 ..... c 54 N74-14845 *
US-PATENT-3,781,958 ..... c 37 N74-15128 *
US-PATENT-3,782,177 ..... c 38 N74-15395 *
US-PATENT-3,782,181 ..... c 34 N74-15652 *
US-PATENT-3,782,205 ..... c 35 N74-15094 *
US-PATENT-3,782,334 ..... c 51 N74-15778 *
US-PATENT-3,782,698 ..... c 35 N74-15093 *
US-PATENT-3,782,699 ..... c 35 N74-15126 *
US-PATENT-3,782,737 ..... c 37 N74-15125 *
US-PATENT-3,782,825 ..... c 35 N74-15146 *
US-PATENT-3,782,835 ..... c 74 N74-15095 *
US-PATENT-3,782,904 ..... c 35 N74-15127 *
US-PATENT-3,783,250 ..... c 62 N74-14920 *
US-PATENT-3,783,354 ..... c 33 N74-14956 *
US-PATENT-3,783,399 ..... c 33 N74-14939 *
US-PATENT-3,783,443 ..... c 35 N74-16135 *
US-PATENT-3,784,499 ..... c 27 N74-17283 *
US-PATENT-3,785,836 ..... c 27 N82-29452 *
US-PATENT-3,787,959 ..... c 37 N74-18128 *
US-PATENT-3,788,163 ..... c 37 N74-18127 *
US-PATENT-3,789,654 ..... c 25 N74-18551 *
US-PATENT-3,789,920 ..... c 34 N74-18552 *
US-PATENT-3,789,947 ..... c 37 N74-18125 *
US-PATENT-3,790,037 ..... c 54 N74-17853 *
US-PATENT-3,790,347 ..... c 37 N74-18123 *
US-PATENT-3,790,409 ..... c 44 N74-19693 *
US-PATENT-3,790,432 ..... c 37 N74-18126 *
US-PATENT-3,790,650 ..... c 31 N74-18124 *
US-PATENT-3,790,795 ..... c 35 N74-18088 *
US-PATENT-3,790,906 ..... c 33 N74-17927 *
US-PATENT-3,791,207 ..... c 09 N74-17955 *
US-PATENT-3,792,399 ..... c 33 N74-17928 *
US-PATENT-3,793,109 ..... c 31 N74-18089 *
US-PATENT-3,795,134 ..... c 09 N74-19528 *
US-PATENT-3,795,448 ..... c 72 N74-19310 *
US-PATENT-3,795,840 ..... c 33 N74-17929 *
US-PATENT-3,795,858 ..... c 35 N74-18090 *
US-PATENT-3,795,862 ..... c 33 N74-17930 *
US-PATENT-3,795,900 ..... c 35 N74-17885 *
US-PATENT-3,795,910 ..... c 44 N74-19870 *
US-PATENT-3,796,473 ..... c 37 N74-20063 *
US-PATENT-3,796,592 ..... c 24 N74-19769 *
US-PATENT-3,797,098 ..... c 37 N74-21057 *
US-PATENT-3,797,919 ..... c 70 N74-21300 *
US-PATENT-3,798,741 ..... c 31 N74-21059 *
US-PATENT-3,798,748 ..... c 37 N74-21055 *
US-PATENT-3,798,778 ..... c 19 N74-21015 *
US-PATENT-3,798,896 ..... c 37 N74-21060 *
US-PATENT-3,799,149 ..... c 52 N74-20728 *
US-PATENT-3,799,475 ..... c 02 N74-20646 *
US-PATENT-3,799,793 ..... c 74 N74-20008 *
US-PATENT-3,799,813 ..... c 76 N74-20329 *
US-PATENT-3,800,074 ..... c 36 N74-20009 *
US-PATENT-3,800,082 ..... c 71 N74-21014 *
US-PATENT-3,800,224 ..... c 32 N74-19790 *
US-PATENT-3,800,227 ..... c 32 N74-20809 *
US-PATENT-3,800,237 ..... c 32 N74-19788 *
US-PATENT-3,800,253 ..... c 37 N74-21056 *
US-PATENT-3,801,617 ..... c 37 N74-21058 *
US-PATENT-3,802,249 ..... c 35 N74-21019 *
US-PATENT-3,802,253 ..... c 52 N74-20726 *
US-PATENT-3,802,262 ..... c 35 N74-21018 *
US-PATENT-3,802,660 ..... c 37 N74-21065 *
US-PATENT-3,802,753 ..... c 37 N74-21064 *
US-PATENT-3,802,779 ..... c 74 N74-21304 *
US-PATENT-3,803,090 ..... c 27 N74-21156 *
US-PATENT-3,803,393 ..... c 60 N74-20836 *
US-PATENT-3,803,445 ..... c 32 N74-20813 *
US-PATENT-3,803,617 ..... c 32 N74-20863 *
US-PATENT-3,804,472 ..... c 37 N74-21061 *
US-PATENT-3,804,506 ..... c 33 N74-20861 *
US-PATENT-3,804,525 ..... c 36 N74-21091 *
US-PATENT-3,804,703 ..... c 37 N74-21063 *
US-PATENT-3,805,266 ..... c 32 N74-20864 *
US-PATENT-3,805,303 ..... c 54 N74-20725 *
US-PATENT-3,805,622 ..... c 35 N74-21062 *
US-PATENT-3,806,756 ..... c 33 N74-21850 *
US-PATENT-3,806,802 ..... c 35 N74-21017 *
US-PATENT-3,806,815 ..... c 32 N74-20811 *
US-PATENT-3,806,816 ..... c 32 N74-20810 *
US-PATENT-3,806,831 ..... c 33 N74-20862 *
US-PATENT-3,806,834 ..... c 36 N76-18427 *
US-PATENT-3,806,835 ..... c 33 N74-20859 *
US-PATENT-3,806,932 ..... c 33 N74-20860 *
US-PATENT-3,807,384 ..... c 34 N74-23039 *
US-PATENT-3,807,656 ..... c 18 N74-22136 *
US-PATENT-3,808,464 ..... c 33 N74-22814 *
US-PATENT-3,808,511 ..... c 33 N74-22864 *
US-PATENT-3,808,517 ..... c 33 N74-22885 *
US-PATENT-3,809,481 ..... c 35 N74-23040 *
US-PATENT-3,809,601 ..... c 37 N74-23064 *
US-PATENT-3,809,800 ..... c 33 N74-22865 *
US-PATENT-3,809,871 ..... c 52 N74-22771 *
US-PATENT-3,810,829 ..... c 31 N74-23065 *
US-PATENT-3,811,044 ..... c 34 N74-23066 *
US-PATENT-3,811,094 ..... c 33 N74-21851 *
US-PATENT-3,811,429 ..... c 52 N74-27566 *
US-PATENT-3,811,901 ..... c 27 N82-29454 *
US-PATENT-3,812,358 ..... c 35 N74-26949 *
US-PATENT-3,812,783 ..... c 28 N74-27425 *
US-PATENT-3,812,924 ..... c 35 N74-26945 *
US-PATENT-3,812,936 ..... c 37 N74-26976 *
US-PATENT-3,813,183 ..... c 37 N74-25968 *
US-PATENT-3,813,875 ..... c 15 N74-27360 *
US-PATENT-3,813,937 ..... c 34 N74-27859 *
US-PATENT-3,814,083 ..... c 52 N74-26626 *
US-PATENT-3,814,350 ..... c 18 N74-27397 *
US-PATENT-3,814,645 ..... c 24 N74-30001 *
US-PATENT-3,814,653 ..... c 24 N74-27035 *
US-PATENT-3,814,678 ..... c 25 N74-26948 *
US-PATENT-3,814,939 ..... c 25 N74-26947 *
US-PATENT-3,815,048 ..... c 33 N74-26732 *
US-PATENT-3,815,109 ..... c 52 N74-26625 *
US-PATENT-3,815,205 ..... c 33 N74-26977 *
US-PATENT-3,815,969 ..... c 35 N74-26946 *
US-PATENT-3,816,657 ..... c 32 N74-26654 *
US-PATENT-3,816,785 ..... c 73 N74-26767 *
US-PATENT-3,817,082 ..... c 34 N74-27730 *
US-PATENT-3,817,084 ..... c 31 N74-27900 *
US-PATENT-3,817,622 ..... c 75 N74-30156 *
US-PATENT-3,817,627 ..... c 35 N74-27860 *
US-PATENT-3,818,325 ..... c 44 N74-27519 *
US-PATENT-3,818,346 ..... c 33 N74-27705 *
US-PATENT-3,818,767 ..... c 35 N74-28097 *
US-PATENT-3,818,775 ..... c 37 N74-27901 *
US-PATENT-3,818,814 ..... c 31 N74-27902 *
US-PATENT-3,819,299 ..... c 37 N74-27904 *
US-PATENT-3,819,419 ..... c 34 N74-27861 *
US-PATENT-3,819,440 ..... c 32 N74-27612 *
US-PATENT-3,819,550 ..... c 27 N74-27037 *
US-PATENT-3,820,095 ..... c 33 N74-27862 *
US-PATENT-3,820,286 ..... c 37 N74-27905 *
US-PATENT-3,820,388 ..... c 35 N74-27865 *
US-PATENT-3,820,529 ..... c 52 N74-27864 *
US-PATENT-3,820,630 ..... c 07 N74-27490 *
US-PATENT-3,820,741 ..... c 37 N74-27903 *
US-PATENT-3,820,918 ..... c 07 N74-28226 *
US-PATENT-3,821,102 ..... c 34 N74-27744 *
US-PATENT-3,821,462 ..... c 33 N74-27683 *
US-PATENT-3,821,546 ..... c 33 N74-27682 *
US-PATENT-3,821,556 ..... c 74 N74-27866 *
US-PATENT-3,824,707 ..... c 09 N74-30597 *
US-PATENT-3,825,760 ..... c 19 N74-29410 *
US-PATENT-3,826,448 ..... c 08 N74-30421 *
US-PATENT-3,826,726 ..... c 25 N74-30502 *
US-PATENT-3,826,729 ..... c 20 N74-31269 *
US-PATENT-3,826,964 ..... c 33 N74-29556 *
US-PATENT-3,827,288 ..... c 71 N74-31148 *
US-PATENT-3,827,807 ..... c 89 N74-30886 *
US-PATENT-3,828,137 ..... c 32 N74-30524 *
US-PATENT-3,828,138 ..... c 32 N74-30523 *
US-PATENT-3,828,524 ..... c 34 N74-30608 *
US-PATENT-3,829,237 ..... c 07 N74-31270 *
US-PATENT-3,829,839 ..... c 60 N76-18800 *
US-PATENT-3,830,060 ..... c 44 N74-33379 *
US-PATENT-3,830,094 ..... c 35 N74-32879 *
US-PATENT-3,830,335 ..... c 07 N74-32418 *
US-PATENT-3,830,431 ..... c 07 N74-33218 *
US-PATENT-3,830,552 ..... c 37 N74-32921 *
US-PATENT-3,830,609 ..... c 31 N74-32920 *
US-PATENT-3,830,673 ..... c 28 N74-33209 *
US-PATENT-3,831,098 ..... c 33 N74-32711 *
US-PATENT-3,831,117 ..... c 33 N74-32712 *
US-PATENT-3,831,142 ..... c 32 N74-32598 *
US-PATENT-3,832,290 ..... c 20 N74-32919 *
US-PATENT-3,832,735 ..... c 54 N74-32546 *
US-PATENT-3,832,764 ..... c 37 N74-32918 *
US-PATENT-3,832,781 ..... c 35 N74-32877 *
US-PATENT-3,832,903 ..... c 35 N74-32878 *
US-PATENT-3,833,322 ..... c 31 N74-32917 *
US-PATENT-3,833,336 ..... c 25 N74-33378 *
US-PATENT-3,833,857 ..... c 33 N74-32660 *
US-PATENT-3,835,318 ..... c 35 N74-34857 *
US-PATENT-3,837,285 ..... c 85 N74-34672 *
US-PATENT-3,837,908 ..... c 76 N79-16678 *
US-PATENT-3,840,829 ..... c 33 N74-34638 *
US-PATENT-3,841,973 ..... c 35 N75-12272 *
US-PATENT-3,842,485 ..... c 37 N75-12326 *
US-PATENT-3,842,509 ..... c 35 N75-12273 *
US-PATENT-3,842,656 ..... c 76 N75-12810 *
US-PATENT-3,845,466 ..... c 74 N81-19896 *
US-PATENT-3,846,243 ..... c 25 N75-12086 *
US-PATENT-3,847,115 ..... c 31 N75-12161 *
US-PATENT-3,847,141 ..... c 35 N75-12271 *
US-PATENT-3,847,208 ..... c 34 N75-12222 *
US-PATENT-3,847,652 ..... c 25 N75-12087 *
US-PATENT-3,847,689 ..... c 74 N75-12732 *
US-PATENT-3,848,190 ..... c 35 N75-12270 *
US-PATENT-3,849,554 ..... c 52 N75-15270 *
US-PATENT-3,849,668 ..... c 54 N75-12616 *
US-PATENT-3,849,720 ..... c 33 N77-26387 *
US-PATENT-3,849,865 ..... c 37 N75-13261 *
US-PATENT-3,849,875 ..... c 35 N75-13213 *
US-PATENT-3,849,877 ..... c 24 N75-13032 *
US-PATENT-3,850,169 ..... c 54 N75-13531 *
US-PATENT-3,850,388 ..... c 05 N75-12930 *
US-PATENT-3,850,567 ..... c 31 N75-13111 *
US-PATENT-3,850,754 ..... c 51 N75-13502 *
US-PATENT-3,851,162 ..... c 60 N75-13539 *
US-PATENT-3,851,238 ..... c 33 N75-13139 *
US-PATENT-3,851,250 ..... c 15 N75-13007 *
US-PATENT-3,853,003 ..... c 09 N75-12969 *
US-PATENT-3,853,075 ..... c 09 N75-12968 *
US-PATENT-3,854,097 ..... c 75 N75-13625 *
US-PATENT-3,854,113 ..... c 37 N75-13265 *
US-PATENT-3,855,873 ..... c 37 N75-13266 *
US-PATENT-3,856,042 ..... c 37 N75-15050 *
US-PATENT-3,856,402 ..... c 36 N75-15028 *
US-PATENT-3,856,471 ..... c 25 N75-14844 *
US-PATENT-3,856,534 ..... c 23 N75-14834 *
US-PATENT-3,857,031 ..... c 35 N75-15014 *
US-PATENT-3,857,045 ..... c 33 N75-14957 *
US-PATENT-3,859,119 ..... c 36 N75-15029 *
US-PATENT-3,859,714 ..... c 37 N75-15992 *
US-PATENT-3,859,714 ..... c 24 N79-25143 *
US-PATENT-3,859,736 ..... c 09 N75-15662 *
US-PATENT-3,859,840 ..... c 35 N75-15932 *
US-PATENT-3,859,845 ..... c 35 N75-15931 *
US-PATENT-3,860,342 ..... c 35 N75-16783 *
US-PATENT-3,860,393 ..... c 25 N76-18245 *
US-PATENT-3,860,858 ..... c 33 N75-15874 *
US-PATENT-3,860,921 ..... c 32 N75-15854 *
US-PATENT-3,860,946 ..... c 33 N79-11314 *
US-PATENT-3,863,881 ..... c 37 N75-18573 *
US-PATENT-3,864,060 ..... c 35 N75-19611 *
US-PATENT-3,864,239 ..... c 37 N75-19684 *
US-PATENT-3,864,542 ..... c 37 N75-19683 *
US-PATENT-3,864,797 ..... c 20 N75-18310 *
US-PATENT-3,864,953 ..... c 35 N75-19615 *
US-PATENT-3,864,960 ..... c 35 N75-19612 *
US-PATENT-3,865,442 ..... c 37 N75-18574 *
US-PATENT-3,865,975 ..... c 36 N75-19652 *
US-PATENT-3,866,022 ..... c 33 N75-19519 *
US-PATENT-3,866,114 ..... c 33 N75-18477 *
US-PATENT-3,866,128 ..... c 33 N75-19515 *
US-PATENT-3,866,210 ..... c 33 N75-19517 *
US-PATENT-3,866,233 ..... c 33 N75-19516 *
US-PATENT-3,866,863 ..... c 18 N75-19329 *
US-PATENT-3,867,677 ..... c 33 N75-19524 *
US-PATENT-3,868,591 ..... c 36 N75-19655 *
US-PATENT-3,868,830 ..... c 77 N75-20139 *
US-PATENT-3,868,856 ..... c 35 N75-19614 *
US-PATENT-3,869,151 ..... c 37 N75-19686 *
US-PATENT-3,869,160 ..... c 37 N75-19685 *
US-PATENT-3,869,210 ..... c 36 N75-19653 *
US-PATENT-3,869,212 ..... c 35 N75-19613 *
US-PATENT-3,869,597 ..... c 77 N75-20140 *
US-PATENT-3,869,615 ..... c 35 N75-19616 *
US-PATENT-3,869,624 ..... c 33 N75-18479 *
US-PATENT-3,869,659 ..... c 33 N75-19522 *
US-PATENT-3,869,667 ..... c 33 N75-19521 *
US-PATENT-3,869,676 ..... c 33 N75-19520 *
US-PATENT-3,869,680 ..... c 36 N75-19654 *
US-PATENT-3,869,779 ..... c 26 N75-19408 *
US-PATENT-3,872,395 ..... c 33 N75-19518 *
US-PATENT-3,874,240 ..... c 35 N75-25122 *
US-PATENT-3,874,635 ..... c 37 N75-25185 *
US-PATENT-3,874,677 ..... c 37 N75-21631 *
US-PATENT-3,875,332 ..... c 32 N75-21486 *
US-PATENT-3,875,394 ..... c 33 N75-26243 *
US-PATENT-3,875,404 ..... c 35 N75-23910 *
US-PATENT-3,875,435 ..... c 20 N75-24837 *
US-PATENT-3,875,500 ..... c 35 N75-21582 *
US-PATENT-3,875,584 ..... c 32 N75-21485 *
US-PATENT-3,877,833 ..... c 37 N75-25186 *
US-PATENT-3,878,464 ..... c 32 N75-24981 *
US-PATENT-3,881,132 ..... c 33 N77-21315 *
US-PATENT-3,882,417 ..... c 36 N78-17366 *
US-PATENT-3,882,530 ..... c 76 N75-25730 *
US-PATENT-3,882,634 ..... c 51 N75-25503 *
US-PATENT-3,882,719 ..... c 14 N75-24794 *
US-PATENT-3,882,732 ..... c 12 N75-24774 *
US-PATENT-3,882,846 ..... c 05 N75-24716 *

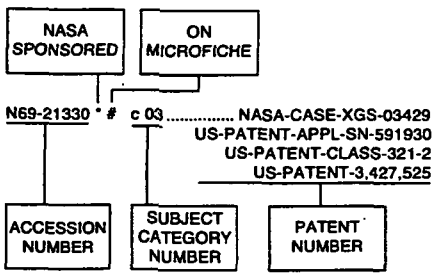
US-PATENT-3,996,462 ..... c 33 N77-14335 *
US-PATENT-3,996,464 ..... c 35 N77-14406 *
US-PATENT-3,996,468 ..... c 35 N77-14408 *
US-PATENT-3,996,471 ..... c 52 N77-14737 *
US-PATENT-3,996,506 ..... c 33 N77-14333 *
US-PATENT-3,996,532 ..... c 32 N77-14292 *
US-PATENT-3,997,848 ..... c 33 N77-14334 *
US-PATENT-3,999,886 ..... c 05 N77-17029 *
US-PATENT-4.049,930 ..... c 33 N78-10375 *
US-PATENT-4, 356,157 ..... c 25 N83-33977 *
US-PATENT-4, 359,503 ..... c 24 N83-33950 *
US-PATENT-4,000,682 ..... c 20 N77-17143 *
US-PATENT-4,000,929 ..... c 37 N77-17464 *
US-PATENT-4,001,552 ..... c 38 N77-17495 *
US-PATENT-4,001,602 ..... c 33 N77-17354 *
US-PATENT-4,003,004 ..... c 33 N77-17351 *
US-PATENT-4,003,084 ..... c 35 N77-17426 *
US-PATENT-4,003,257 ..... c 23 N77-17161 *
US-PATENT-4,004,292 ..... c 74 N77-18893 *
US-PATENT-4,005,574 ..... c 07 N77-17059 *
US-PATENT-4,006,631 ..... c 04 N77-19056 *
US-PATENT-4,006,999 ..... c 24 N77-19170 *
US-PATENT-4,007,430 ..... c 36 N77-19416 *
US-PATENT-4,007,434 ..... c 32 N77-18307 *
US-PATENT-4,007,601 ..... c 34 N77-19353 *
US-PATENT-4,007,623 ..... c 35 N77-18417 *
US-PATENT-4,007,891 ..... c 07 N77-18154 *
US-PATENT-4,008,348 ..... c 34 N77-18382 *
US-PATENT-4,008,407 ..... c 73 N77-18891 *
US-PATENT-4,010,455 ..... c 37 N77-19458 *
US-PATENT-4,010,455 ..... c 37 N78-31426 *
US-PATENT-4,011,719 ..... c 20 N77-20162 *
US-PATENT-4,011,756 ..... c 35 N77-20400 *
US-PATENT-4,011,854 ..... c 35 N77-20401 *
US-PATENT-4,012,018 ..... c 35 N77-20399 *
US-PATENT-4,012,123 ..... c 74 N77-20882 *
US-PATENT-4,012,237 ..... c 26 N77-20201 *
US-PATENT-4,012,696 ..... c 32 N77-20289 *
US-PATENT-4,014,745 ..... c 51 N77-22794 *
US-PATENT-4,014,798 ..... c 25 N81-17187 *
US-PATENT-4,017,959 ..... c 37 N77-23482 *
US-PATENT-4,018,080 ..... c 35 N77-22450 *
US-PATENT-4,018,085 ..... c 35 N77-22449 *
US-PATENT-4,018,092 ..... c 37 N77-22482 *
US-PATENT-4,018,409 ..... c 37 N77-23483 *
US-PATENT-4,018,423 ..... c 54 N77-21844 *
US-PATENT-4,018,532 ..... c 74 N77-22951 *
US-PATENT-4,018,533 ..... c 74 N77-22950 *
US-PATENT-4,018,649 ..... c 51 N77-25769 *
US-PATENT-4,018,971 ..... c 44 N77-22606 *
US-PATENT-4,019,179 ..... c 32 N77-21267 *
US-PATENT-4,019,868 ..... c 44 N77-22607 *
US-PATENT-4,020,632 ..... c 07 N77-23106 *
US-PATENT-4,023,266 ..... c 33 N77-26385 *
US-PATENT-4,025,327 ..... c 35 N77-24455 *
US-PATENT-4,025,783 ..... c 74 N77-26942 *
US-PATENT-4,025,866 ..... c 33 N77-24375 *
US-PATENT-4,025,875 ..... c 36 N77-25499 *
US-PATENT-4,025,876 ..... c 71 N77-26919 *
US-PATENT-4,025,891 ..... c 35 N77-24454 *
US-PATENT-4,025,950 ..... c 32 N77-24328 *
US-PATENT-4,025,964 ..... c 52 N77-25772 *
US-PATENT-4,026,527 ..... c 34 N77-24423 *
US-PATENT-4,026,655 ..... c 36 N77-25501 *
US-PATENT-4,027,212 ..... c 33 N77-26386 *
US-PATENT-4,027,265 ..... c 32 N77-24331 *
US-PATENT-4,027,273 ..... c 36 N77-25502 *
US-PATENT-4,027,494 ..... c 35 N78-12390 *
US-PATENT-4,027,524 ..... c 09 N77-27131 *
US-PATENT-4,028,939 ..... c 34 N77-27345 *
US-PATENT-4,029,470 ..... c 51 N77-27677 *
US-PATENT-4,029,500 ..... c 24 N77-27187 *
US-PATENT-4,029,838 ..... c 24 N77-27188 *
US-PATENT-4,030,047 ..... c 35 N77-27366 *
US-PATENT-4,030,348 ..... c 39 N78-10493 *
US-PATENT-4,031,389 ..... c 36 N77-26477 *
US-PATENT-4,032,089 ..... c 24 N77-28225 *
US-PATENT-4,032,089 ..... c 27 N81-14077 *
US-PATENT-4,033,119 ..... c 07 N77-28118 *
US-PATENT-4,033,133 ..... c 28 N80-10374 *
US-PATENT-4,033,182 ..... c 39 N77-28511 *
US-PATENT-4,033,286 ..... c 25 N79-28253 *
US-PATENT-4,033,316 ..... c 33 N77-28385 *
US-PATENT-4,033,334 ..... c 52 N77-28717 *
US-PATENT-4,033,349 ..... c 52 N77-28716 *
US-PATENT-4,033,479 ..... c 37 N77-28487 *
US-PATENT-4,033,503 ..... c 26 N77-29260 *
US-PATENT-4,033,504 ..... c 26 N77-28265 *
US-PATENT-4,033,705 ..... c 07 N77-27116 *
US-PATENT-4,033,882 ..... c 32 N77-28346 *
US-PATENT-4,035,037 ..... c 37 N77-28486 *
US-PATENT-4,035,062 ..... c 74 N77-28932 *
US-PATENT-4,035,065 ..... c 74 N77-28933 *
US-PATENT-4,038,705 ..... c 54 N77-30749 *
US-PATENT-4,039-489 ..... c 27 N77-31308 *
US-PATENT-4,039-946 ..... c 35 N77-30436 *
US-PATENT-4,039,000 ..... c 34 N77-30399 *
US-PATENT-4,039,347 ..... c 27 N77-30237 *
US-PATENT-4,039,754 ..... c 32 N77-30309 *
US-PATENT-4,039,925 ..... c 33 N77-30365 *
US-PATENT-4,040,041 ..... c 33 N77-31404 *
US-PATENT-4,040,750 ..... c 35 N77-31465 *
US-PATENT-4,040,867 ..... c 44 N77-31601 *
US-PATENT-4,040,940 ..... c 37 N80-14397 *
US-PATENT-4,041,233 ..... c 27 N77-30236 *
US-PATENT-4,041,391 ..... c 32 N77-30308 *
US-PATENT-4,041,697 ..... c 37 N78-10467 *
US-PATENT-4,041,910 ..... c 37 N77-31497 *
US-PATENT-4,042,926 ..... c 32 N77-31350 *
US-PATENT-4,043,668 ..... c 35 N84-33766 *
US-PATENT-4,043,674 ..... c 36 N77-32478 *
US-PATENT-4,044,753 ..... c 44 N77-32582 *
US-PATENT-4,044,821 ..... c 44 N77-32581 *
US-PATENT-4,045,063 ..... c 37 N77-32499 *
US-PATENT-4,045,149 ..... c 07 N77-32148 *
US-PATENT-4,045,247 ..... c 35 N77-32454 *
US-PATENT-4,045,255 ..... c 26 N77-32279 *
US-PATENT-4,045,315 ..... c 44 N77-32580 *
US-PATENT-4,045,359 ..... c 25 N77-32255 *
US-PATENT-4,045,728 ..... c 35 N77-32455 *
US-PATENT-4,045,792 ..... c 60 N77-32731 *
US-PATENT-4,045,795 ..... c 32 N77-32342 *
US-PATENT-4,046,012 ..... c 35 N77-32456 *
US-PATENT-4,046,190 ..... c 34 N77-32413 *
US-PATENT-4,046,262 ..... c 54 N77-32721 *
US-PATENT-4,046,434 ..... c 37 N77-32500 *
US-PATENT-4,046,435 ..... c 37 N77-32501 *
US-PATENT-4,046,462 ..... c 44 N77-32583 *
US-PATENT-4,046,529 ..... c 54 N77-32722 *
US-PATENT-4,046,560 ..... c 26 N77-32280 *
US-PATENT-4,046,617 ..... c 76 N77-32919 *
US-PATENT-4,046,619 ..... c 27 N77-32308 *
US-PATENT-4,047,840 ..... c 37 N78-10468 *
US-PATENT-4,051,558 ..... c 52 N78-10686 *
US-PATENT-4,051,834 ..... c 44 N78-10554 *
US-PATENT-4,051,877 ..... c 35 N78-10428 *
US-PATENT-4,052,144 ..... c 25 N78-10224 *
US-PATENT-4,052,181 ..... c 71 N78-10837 *
US-PATENT-4,052,302 ..... c 25 N78-10225 *
US-PATENT-4,052,523 ..... c 24 N78-10214 *
US-PATENT-4,052,614 ..... c 35 N78-10429 *
US-PATENT-4,052,648 ..... c 33 N78-10376 *
US-PATENT-4,052,659 ..... c 33 N78-10377 *
US-PATENT-4,052,666 ..... c 43 N78-10529 *
US-PATENT-4,052,705 ..... c 60 N78-10709 *
US-PATENT-4,053,229 ..... c 74 N78-13874 *
US-PATENT-4,053,231 ..... c 35 N78-18391 *
US-PATENT-4,053,918 ..... c 44 N78-13526 *
US-PATENT-4,055,004 ..... c 09 N78-18083 *
US-PATENT-4,055,041 ..... c 07 N78-18066 *
US-PATENT-4,055,072 ..... c 35 N78-19465 *
US-PATENT-4,055,089 ..... c 35 N78-18390 *
US-PATENT-4,055,147 ..... c 35 N78-19466 *
US-PATENT-4,055,416 ..... c 26 N78-18182 *
US-PATENT-4,055,447 ..... c 26 N78-18183 *
US-PATENT-4,055,686 ..... c 37 N78-13436 *
US-PATENT-4,055,705 ..... c 34 N78-18355 *
US-PATENT-4,055,707 ..... c 44 N78-19599 *
US-PATENT-4,055,764 ..... c 35 N78-13400 *
US-PATENT-4,055,777 ..... c 33 N78-18308 *
US-PATENT-4,055,810 ..... c 36 N78-18410 *
US-PATENT-4,055,847 ..... c 33 N78-13320 *
US-PATENT-4,061,029 ..... c 35 N78-14364 *
US-PATENT-4,061,041 ..... c 71 N78-14867 *
US-PATENT-4,061,146 ..... c 52 N78-14773 *
US-PATENT-4,061,190 ..... c 43 N78-14452 *
US-PATENT-4,061,427 ..... c 36 N78-14380 *
US-PATENT-4,061,561 ..... c 25 N78-14104 *
US-PATENT-4,061,570 ..... c 54 N78-14784 *
US-PATENT-4,061,577 ..... c 74 N78-14889 *
US-PATENT-4,061,579 ..... c 24 N78-14096 *
US-PATENT-4,061,812 ..... c 24 N78-15180 *
US-PATENT-4,061,834 ..... c 27 N78-14164 *
US-PATENT-4,061,856 ..... c 27 N78-15276 *
US-PATENT-4,061,955 ..... c 44 N78-14625 *
US-PATENT-4,061,974 ..... c 32 N78-15323 *
US-PATENT-4,062,227 ..... c 39 N78-15512 *
US-PATENT-4,062,245 ..... c 37 N78-16369 *
US-PATENT-4,062,347 ..... c 44 N78-15560 *
US-PATENT-4,062,650 ..... c 25 N78-15210 *
US-PATENT-4,062,996 ..... c 74 N78-15879 *
US-PATENT-4,063,088 ..... c 74 N78-15880 *
US-PATENT-4,063,092 ..... c 35 N78-15461 *
US-PATENT-4,063,282 ..... c 39 N78-16387 *
US-PATENT-4,063,814 ..... c 74 N78-17866 *
US-PATENT-4,063,981 ..... c 24 N78-17149 *
US-PATENT-4,064,566 ..... c 27 N78-17215 *
US-PATENT-4,064,642 ..... c 54 N78-17675 *
US-PATENT-4,064,692 ..... c 37 N78-17384 *
US-PATENT-4,065,053 ..... c 44 N78-17460 *
US-PATENT-4,065,202 ..... c 35 N78-17357 *
US-PATENT-4,065,340 ..... c 24 N78-17150 *
US-PATENT-4,065,345 ..... c 27 N78-17205 *
US-PATENT-4,066,039 ..... c 37 N78-17383 *
US-PATENT-4,067,015 ..... c 17 N78-17140 *
US-PATENT-4,067,043 ..... c 74 N78-17865 *
US-PATENT-4,067,653 ..... c 74 N78-17867 *
US-PATENT-4,067,742 ..... c 27 N78-17206 *
US-PATENT-4,068,469 ..... c 07 N78-17055 *
US-PATENT-4,068,470 ..... c 07 N78-17056 *
US-PATENT-4,068,495 ..... c 31 N78-17237 *
US-PATENT-4,068,763 ..... c 54 N78-17676 *
US-PATENT-4,069,028 ..... c 34 N78-17335 *
US-PATENT-4,069,212 ..... c 27 N78-17213 *
US-PATENT-4,069,478 ..... c 60 N78-17691 *
US-PATENT-4,069,661 ..... c 07 N78-18067 *
US-PATENT-4,070,574 ..... c 74 N78-18905 *
US-PATENT-4,072,532 ..... c 27 N78-19302 *
US-PATENT-4,075,057 ..... c 73 N78-19920 *
US-PATENT-4,077,231 ..... c 31 N78-25256 *
US-PATENT-4,077,678 ..... c 44 N78-24608 *
US-PATENT-4,077,788 ..... c 28 N78-24365 *
US-PATENT-4,077,788 ..... c 28 N81-14103 *
US-PATENT-4,077,813 ..... c 26 N78-24333 *
US-PATENT-4,077,818 ..... c 44 N78-24609 *
US-PATENT-4,077,921 ..... c 24 N78-24290 *
US-PATENT-4,078,110 ..... c 34 N78-25350 *
US-PATENT-4,078,175 ..... c 76 N78-24950 *
US-PATENT-4,078,290 ..... c 37 N78-24544 *
US-PATENT-4,078,378 ..... c 37 N78-24545 *
US-PATENT-4,079,268 ..... c 32 N78-24391 *
US-PATENT-4,080,901 ..... c 20 N78-24275 *
US-PATENT-4,081,250 ..... c 44 N78-31527 *
US-PATENT-4,082,001 ..... c 35 N78-24515 *
US-PATENT-4,082,569 ..... c 44 N78-25527 *
US-PATENT-4,083,097 ..... c 44 N78-25528 *
US-PATENT-4,083,181 ..... c 07 N78-25089 *
US-PATENT-4,083,380 ..... c 37 N78-25426 *
US-PATENT-4,083,520 ..... c 15 N78-25119 *
US-PATENT-4,083,765 ..... c 35 N78-25391 *
US-PATENT-4,084,124 ..... c 44 N78-25531 *
US-PATENT-4,084,132 ..... c 33 N78-25319 *
US-PATENT-4,084,612 ..... c 34 N78-25351 *
US-PATENT-4,084,825 ..... c 07 N78-25090 *
US-PATENT-4,084,985 ..... c 44 N78-25529 *
US-PATENT-4,085,004 ..... c 73 N78-28913 *
US-PATENT-4,085,241 ..... c 44 N78-25530 *
US-PATENT-4,085,332 ..... c 25 N78-25148 *
US-PATENT-4,087,902 ..... c 33 N78-27326 *
US-PATENT-4,087,962 ..... c 34 N78-27357 *
US-PATENT-4,087,975 ..... c 44 N78-32542 *
US-PATENT-4,088,018 ..... c 37 N78-27424 *
US-PATENT-4,088,094 ..... c 51 N78-27733 *
US-PATENT-4,088,270 ..... c 07 N78-27121 *
US-PATENT-4,088,291 ..... c 37 N78-27425 *
US-PATENT-4,088,312 ..... c 37 N78-27423 *
US-PATENT-4,088,408 ..... c 74 N78-27904 *
US-PATENT-4,088,532 ..... c 25 N78-27226 *
US-PATENT-4,088,806 ..... c 24 N78-27180 *
US-PATENT-4,088,926 ..... c 75 N78-27913 *
US-PATENT-4,088,951 ..... c 35 N78-28411 *
US-PATENT-4,088,954 ..... c 35 N78-32397 *
US-PATENT-4,088,965 ..... c 36 N78-27402 *
US-PATENT-4,088,999 ..... c 44 N78-28594 *
US-PATENT-4,089,004 ..... c 32 N80-29539 *
US-PATENT-4,089,209 ..... c 35 N78-27384 *
US-PATENT-4,089,705 ..... c 44 N78-27515 *
US-PATENT-4,090,213 ..... c 44 N80-29835 *
US-PATENT-4,091,166 ..... c 27 N78-31233 *
US-PATENT-4,091,329 ..... c 33 N78-32339 *
US-PATENT-4,091,464 ..... c 54 N78-31735 *
US-PATENT-4,091,464 ..... c 54 N79-24651 *
US-PATENT-4,091,465 ..... c 54 N78-31736 *
US-PATENT-4,091,613 ..... c 44 N78-32539 *
US-PATENT-4,091,665 ..... c 09 N78-31129 *
US-PATENT-4,091,798 ..... c 44 N78-31526 *
US-PATENT-4,091,800 ..... c 44 N78-31525 *
US-PATENT-4,092,188 ..... c 28 N78-31255 *
US-PATENT-4,092,274 ..... c 27 N78-31232 *
US-PATENT-4,092,466 ..... c 27 N78-32256 *
US-PATENT-4,092,466 ..... c 27 N80-10358 *
US-PATENT-4,092,606 ..... c 33 N78-32338 *
US-PATENT-4,092,617 ..... c 33 N78-32340 *
US-PATENT-4,092,633 ..... c 54 N78-32720 *
US-PATENT-4,092,648 ..... c 32 N78-31321 *
US-PATENT-4,092,712 ..... c 33 N78-32341 *
US-PATENT-4,092,874 ..... c 37 N78-31426 *
US-PATENT-4,093,156 ..... c 05 N78-32086 *
US-PATENT-4,093,354 ..... c 73 N78-32848 *
US-PATENT-4,093,382 ..... c 38 N78-32447 *
US-PATENT-4,093,771 ..... c 27 N78-32260 *
US-PATENT-4,093,917 ..... c 35 N78-32396 *
US-PATENT-4,094,073 ..... c 35 N78-32395 *
US-PATENT-4,094,758 ..... c 26 N78-32229 *
US-PATENT-4,094,775 ..... c 52 N80-14687 *
US-PATENT-4,094,862 ..... c 27 N78-32261 *
US-PATENT-4,094,943 ..... c 27 N78-32262 *
US-PATENT-4,095,593 ..... c 54 N78-32721 *

US-PATENT-4,096,315 ..... c 74 N78-32854 *
US-PATENT-4,097,194 ..... c 07 N78-33101 *
US-PATENT-4,098,142 ..... c 37 N79-10422 *
US-PATENT-4,099,799 ..... c 37 N79-10418 *
US-PATENT-4,100,331 ..... c 44 N79-10513 *
US-PATENT-4,100,487 ..... c 33 N79-10337 *
US-PATENT-4,100,531 ..... c 32 N79-10263 *
US-PATENT-4,101,195 ..... c 89 N79-10969 *
US-PATENT-4,101,644 ..... c 25 N79-10162 *
US-PATENT-4,101,780 ..... c 35 N79-10389 *
US-PATENT-4,101,891 ..... c 35 N79-10391 *
US-PATENT-4,101,961 ..... c 52 N79-10724 *
US-PATENT-4,102,580 ..... c 74 N79-11865 *
US-PATENT-4,103,550 ..... c 31 N79-11246 *
US-PATENT-4,103,619 ..... c 28 N79-11231 *
US-PATENT-4,103,712 ..... c 37 N79-11402 *
US-PATENT-4,104,018 ..... c 25 N79-11151 *
US-PATENT-4,104,084 ..... c 44 N79-11467 *
US-PATENT-4,104,091 ..... c 44 N79-11468 *
US-PATENT-4,104,134 ..... c 44 N79-11469 *
US-PATENT-4,104,134 ..... c 44 N80-16452 *
US-PATENT-4,104,873 ..... c 37 N79-11403 *
US-PATENT-4,105,261 ..... c 37 N79-11404 *
US-PATENT-4,105,517 ..... c 44 N79-11470 *
US-PATENT-4,105,966 ..... c 33 N79-11315 *
US-PATENT-4,106,218 ..... c 74 N79-13855 *
US-PATENT-4,106,587 ..... c 71 N78-14871 *
US-PATENT-4,106,687 ..... c 37 N79-13364 *
US-PATENT-4,107,363 ..... c 33 N79-12331 *
US-PATENT-4,107,627 ..... c 72 N79-13826 *
US-PATENT-4,107,919 ..... c 34 N79-13288 *
US-PATENT-4,108,241 ..... c 34 N79-13289 *
US-PATENT-4,109,213 ..... c 33 N79-22373 *
US-PATENT-4,109,644 ..... c 52 N79-18580 *
US-PATENT-4,110,683 ..... c 33 N79-18193 *
US-PATENT-4,110,703 ..... c 36 N79-18307 *
US-PATENT-4,111,041 ..... c 35 N79-14345 *
US-PATENT-4,111,058 ..... c 35 N79-14347 *
US-PATENT-4,111,068 ..... c 37 N79-14382 *
US-PATENT-4,111,184 ..... c 44 N79-14526 *
US-PATENT-4,111,718 ..... c 35 N79-14346 *
US-PATENT-4,111,729 ..... c 28 N79-14228 *
US-PATENT-4,111,775 ..... c 76 N79-14906 *
US-PATENT-4,111,851 ..... c 24 N79-14156 *
US-PATENT-4,112,357 ..... c 33 N79-14305 *
US-PATENT-4,112,497 ..... c 32 N79-14267 *
US-PATENT-4,112,875 ..... c 44 N78-33526 *
US-PATENT-4,116,131 ..... c 20 N78-32179 *
US-PATENT-4,117,669 ..... c 07 N79-10057 *
US-PATENT-4,117,731 ..... c 35 N79-10390 *
US-PATENT-4,117,749 ..... c 37 N79-10419 *
US-PATENT-4,117,881 ..... c 51 N79-10694 *
US-PATENT-4,118,014 ..... c 37 N79-10420 *
US-PATENT-4,118,315 ..... c 51 N79-10693 *
US-PATENT-4,118,427 ..... c 27 N80-32514 *
US-PATENT-4,118,620 ..... c 37 N79-10421 *
US-PATENT-4,118,665 ..... c 33 N79-10338 *
US-PATENT-4,118,666 ..... c 32 N79-10262 *
US-PATENT-4,118,671 ..... c 33 N79-10339 *
US-PATENT-4,118,701 ..... c 32 N79-10264 *
US-PATENT-4,119,581 ..... c 27 N81-14076 *
US-PATENT-4,119,926 ..... c 33 N79-11313 *
US-PATENT-4,119,964 ..... c 32 N79-11265 *
US-PATENT-4,119,972 ..... c 32 N79-11264 *
US-PATENT-4,119,996 ..... c 33 N79-12321 *
US-PATENT-4,121,965 ..... c 76 N79-11920 *
US-PATENT-4,121,995 ..... c 25 N79-11152 *
US-PATENT-4,122,214 ..... c 44 N79-11472 *
US-PATENT-4,122,334 ..... c 74 N79-12890 *
US-PATENT-4,122,383 ..... c 44 N79-12541 *
US-PATENT-4,122,454 ..... c 32 N79-13214 *
US-PATENT-4,122,518 ..... c 52 N79-12694 *
US-PATENT-4,122,712 ..... c 34 N79-12359 *
US-PATENT-4,122,725 ..... c 38 N79-14398 *
US-PATENT-4,122,816 ..... c 37 N79-11405 *
US-PATENT-4,122,833 ..... c 44 N79-11471 *
US-PATENT-4,122,991 ..... c 18 N79-11108 *
US-PATENT-4,123,355 ..... c 45 N79-12584 *
US-PATENT-4,124,160 ..... c 05 N79-12061 *
US-PATENT-4,124,330 ..... c 07 N79-14095 *
US-PATENT-4,124,732 ..... c 27 N79-12221 *
US-PATENT-4,128,814 ..... c 36 N79-14362 *
US-PATENT-4,129,357 ..... c 74 N79-14891 *
US-PATENT-4,130,032 ..... c 37 N79-14383 *
US-PATENT-4,130,112 ..... c 52 N79-14751 *
US-PATENT-4,130,471 ..... c 25 N79-14169 *
US-PATENT-4,130,490 ..... c 33 N79-15245 *
US-PATENT-4,130,795 ..... c 35 N79-14349 *
US-PATENT-4,131,336 ..... c 44 N79-14529 *
US-PATENT-4,131,459 ..... c 27 N79-14213 *
US-PATENT-4,131,486 ..... c 44 N79-14528 *
US-PATENT-4,132,068 ..... c 07 N79-14097 *
US-PATENT-4,132,069 ..... c 07 N79-14096 *
US-PATENT-4,132,130 ..... c 44 N79-14527 *
US-PATENT-4,132,375 ..... c 08 N79-14108 *
US-PATENT-4,132,594 ..... c 52 N79-14749 *
US-PATENT-4,132,599 ..... c 52 N79-14750 *
US-PATENT-4,132,829 ..... c 27 N79-14214 *
US-PATENT-4,132,940 ..... c 35 N79-14348 *
US-PATENT-4,132,989 ..... c 32 N79-14268 *
US-PATENT-4,133,697 ..... c 44 N79-17314 *
US-PATENT-4,133,697 ..... c 44 N80-14474 *
US-PATENT-4,133,941 ..... c 44 N79-17313 *
US-PATENT-4,133,941 ..... c 25 N82-21268 *
US-PATENT-4,134,447 ..... c 31 N79-17029 *
US-PATENT-4,134,683 ..... c 43 N79-17288 *
US-PATENT-4,134,744 ..... c 35 N79-17192 *
US-PATENT-4,134,786 ..... c 85 N79-17747 *
US-PATENT-4,135,019 ..... c 24 N79-16915 *
US-PATENT-4,135,127 ..... c 33 N79-17133 *
US-PATENT-4,135,290 ..... c 44 N79-18444 *
US-PATENT-4,135,367 ..... c 44 N79-18443 *
US-PATENT-4,135,817 ..... c 35 N79-18296 *
US-PATENT-4,135,851 ..... c 37 N79-18318 *
US-PATENT-4,135,851 ..... c 37 N80-26658 *
US-PATENT-4,135,851 ..... c 37 N82-19540 *
US-PATENT-4,136,211 ..... c 24 N79-17916 *
US-PATENT-4,137,010 ..... c 05 N79-17847 *
US-PATENT-4,137,365 ..... c 27 N79-18052 *
US-PATENT-4,139,291 ..... c 74 N79-20856 *
US-PATENT-4,139,806 ..... c 71 N79-20827 *
US-PATENT-4,139,839 ..... c 60 N79-20751 *
US-PATENT-4,139,862 ..... c 32 N79-20297 *
US-PATENT-4,140,972 ..... c 32 N79-20296 *
US-PATENT-4,141,219 ..... c 34 N79-20335 *
US-PATENT-4,141,224 ..... c 34 N79-20336 *
US-PATENT-4,141,259 ..... c 37 N79-20377 *
US-PATENT-4,142,101 ..... c 74 N79-20857 *
US-PATENT-4,142,119 ..... c 33 N79-20314 *
US-PATENT-4,143,314 ..... c 20 N79-20179 *
US-PATENT-4,145,058 ..... c 37 N79-22475 *
US-PATENT-4,145,255 ..... c 25 N79-22235 *
US-PATENT-4,145,524 ..... c 27 N79-22300 *
US-PATENT-4,145,933 ..... c 39 N79-22537 *
US-PATENT-4,146,180 ..... c 37 N79-22474 *
US-PATENT-4,146,367 ..... c 25 N81-33246 *
US-PATENT-4,146,409 ..... c 26 N79-22271 *
US-PATENT-4,148,031 ..... c 32 N79-24210 *
US-PATENT-4,148,295 ..... c 44 N79-23481 *
US-PATENT-4,148,375 ..... c 46 N79-22679 *
US-PATENT-4,148,452 ..... c 08 N79-23097 *
US-PATENT-4,148,962 ..... c 24 N79-24062 *
US-PATENT-4,149,034 ..... c 71 N79-23753 *
US-PATENT-4,149,233 ..... c 33 N79-24257 *
US-PATENT-4,149,278 ..... c 54 N79-24652 *
US-PATENT-4,149,423 ..... c 32 N79-24203 *
US-PATENT-4,149,521 ..... c 44 N79-24433 *
US-PATENT-4,149,665 ..... c 44 N79-24431 *
US-PATENT-4,149,817 ..... c 44 N79-24432 *
US-PATENT-4,149,938 ..... c 25 N79-24073 *
US-PATENT-4,150,425 ..... c 33 N79-24254 *
US-PATENT-4,151,086 ..... c 34 N79-24285 *
US-PATENT-4,151,456 ..... c 33 N79-23345 *
US-PATENT-4,151,612 ..... c 54 N79-24651 *
US-PATENT-4,151,800 ..... c 24 N79-25142 *
US-PATENT-4,152,194 ..... c 76 N79-23798 *
US-PATENT-4,153,134 ..... c 46 N79-23555 *
US-PATENT-4,153,476 ..... c 44 N79-25482 *
US-PATENT-4,153,818 ..... c 32 N79-23310 *
US-PATENT-4,154,084 ..... c 43 N79-25443 *
US-PATENT-4,154,228 ..... c 52 N79-27836 *
US-PATENT-4,154,230 ..... c 52 N79-26771 *
US-PATENT-4,154,256 ..... c 05 N79-24976 *
US-PATENT-4,154,501 ..... c 33 N81-29342 *
US-PATENT-4,154,912 ..... c 44 N79-25481 *
US-PATENT-4,155,475 ..... c 24 N79-25143 *
US-PATENT-4,156,309 ..... c 44 N79-26475 *
US-PATENT-4,156,548 ..... c 35 N79-26372 *
US-PATENT-4,156,752 ..... c 15 N79-26100 *
US-PATENT-4,156,971 ..... c 43 N79-26439 *
US-PATENT-4,157,655 ..... c 43 N80-14423 *
US-PATENT-4,157,718 ..... c 52 N80-14684 *
US-PATENT-4,158,583 ..... c 28 N79-28342 *
US-PATENT-4,158,742 ..... c 12 N79-26075 *
US-PATENT-4,158,775 ..... c 72 N80-14877 *
US-PATENT-4,158,895 ..... c 52 N79-26772 *
US-PATENT-4,159,262 ..... c 27 N79-28307 *
US-PATENT-4,159,366 ..... c 44 N79-26474 *
US-PATENT-4,159,634 ..... c 37 N79-28550 *
US-PATENT-4,160,254 ..... c 33 N79-28416 *
US-PATENT-4,160,508 ..... c 37 N79-28551 *
US-PATENT-4,160,601 ..... c 35 N79-28527 *
US-PATENT-4,161,661 ..... c 33 N79-28415 *
US-PATENT-4,161,731 ..... c 31 N79-28370 *
US-PATENT-4,161,747 ..... c 37 N79-28549 *
US-PATENT-4,162,169 ..... c 24 N79-31347 *
US-PATENT-4,162,701 ..... c 34 N79-31523 *
US-PATENT-4,162,928 ..... c 44 N79-31753 *
US-PATENT-4,163,678 ..... c 44 N79-31752 *
US-PATENT-4,164,079 ..... c 09 N79-31228 *
US-PATENT-4,164,718 ..... c 32 N80-14281 *
US-PATENT-4,165,460 ..... c 43 N79-31706 *
US-PATENT-4,166,170 ..... c 27 N79-33316 *
US-PATENT-4,166,170 ..... c 27 N81-14078 *
US-PATENT-4,166,959 ..... c 74 N79-34011 *
US-PATENT-4,167,111 ..... c 46 N80-10709 *
US-PATENT-4,168,287 ..... c 27 N80-10358 *
US-PATENT-4,168,483 ..... c 39 N80-10507 *
US-PATENT-4,168,706 ..... c 54 N80-10799 *
US-PATENT-4,168,718 ..... c 20 N80-10278 *
US-PATENT-4,168,939 ..... c 05 N80-14107 *
US-PATENT-4,169,129 ..... c 37 N80-10494 *
US-PATENT-4,170,776 ..... c 46 N80-14603 *
US-PATENT-4,170,987 ..... c 52 N81-27783 *
US-PATENT-4,171,615 ..... c 20 N80-14188 *
US-PATENT-4,171,645 ..... c 35 N80-14371 *
US-PATENT-4,172,228 ..... c 33 N80-14332 *
US-PATENT-4,172,786 ..... c 45 N80-14579 *
US-PATENT-4,172,883 ..... c 26 N80-14229 *
US-PATENT-4,173,001 ..... c 36 N80-14384 *
US-PATENT-4,173,324 ..... c 37 N80-14398 *
US-PATENT-4,173,397 ..... c 44 N80-14473 *
US-PATENT-4,173,820 ..... c 44 N80-14474 *
US-PATENT-4,175,249 ..... c 44 N80-14472 *
US-PATENT-4,176,007 ..... c 51 N80-16714 *
US-PATENT-4,176,360 ..... c 18 N80-14183 *
US-PATENT-4,176,662 ..... c 52 N80-16725 *
US-PATENT-4,176,950 ..... c 36 N80-16321 *
US-PATENT-4,177,325 ..... c 44 N80-16452 *
US-PATENT-4,177,333 ..... c 25 N80-16116 *
US-PATENT-4,178,100 ..... c 35 N80-18359 *
US-PATENT-4,180,648 ..... c 27 N80-16158 *
US-PATENT-4,181,589 ..... c 51 N80-16715 *
US-PATENT-4,182,158 ..... c 35 N80-18358 *
US-PATENT-4,183,217 ..... c 20 N80-18097 *
US-PATENT-4,184,072 ..... c 44 N80-18552 *
US-PATENT-4,184,111 ..... c 44 N80-18551 *
US-PATENT-4,184,149 ..... c 06 N80-18036 *
US-PATENT-4,184,155 ..... c 43 N80-18498 *
US-PATENT-4,184,327 ..... c 07 N80-18039 *
US-PATENT-4,184,368 ..... c 48 N80-18667 *
US-PATENT-4,184,472 ..... c 76 N80-18951 *
US-PATENT-4,184,491 ..... c 52 N80-18690 *
US-PATENT-4,184,609 ..... c 37 N80-18393 *
US-PATENT-4,184,903 ..... c 44 N80-18550 *
US-PATENT-4,185,164 ..... c 33 N80-18286 *
US-PATENT-4,185,493 ..... c 35 N80-18357 *
US-PATENT-4,186,347 ..... c 32 N80-18253 *
US-PATENT-4,186,749 ..... c 52 N80-18691 *
US-PATENT-4,187,394 ..... c 32 N80-18252 *
US-PATENT-4,187,416 ..... c 33 N80-18285 *
US-PATENT-4,187,470 ..... c 36 N80-18372 *
US-PATENT-4,187,506 ..... c 33 N80-18287 *
US-PATENT-4,188,368 ..... c 31 N80-18231 *
US-PATENT-4,188,823 ..... c 02 N80-20224 *
US-PATENT-4,189,234 ..... c 74 N80-21138 *
US-PATENT-4,189,675 ..... c 32 N80-20448 *
US-PATENT-4,189,914 ..... c 07 N81-29129 *
US-PATENT-4,190,060 ..... c 52 N81-29763 *
US-PATENT-4,190,626 ..... c 24 N81-29163 *
US-PATENT-4,191,159 ..... c 37 N80-29703 *
US-PATENT-4,191,505 ..... c 44 N80-21828 *
US-PATENT-4,191,893 ..... c 44 N80-29834 *
US-PATENT-4,192,290 ..... c 44 N80-20810 *
US-PATENT-4,192,910 ..... c 33 N80-20487 *
US-PATENT-4,192,910 ..... c 44 N81-29524 *
US-PATENT-4,192,994 ..... c 74 N80-21140 *
US-PATENT-4,193,388 ..... c 44 N80-20808 *
US-PATENT-4,193,435 ..... c 37 N80-23653 *
US-PATENT-4,193,570 ..... c 35 N80-21719 *
US-PATENT-4,193,693 ..... c 35 N80-20563 *
US-PATENT-4,193,827 ..... c 28 N80-20402 *
US-PATENT-4,193,827 ..... c 28 N81-14103 *
US-PATENT-4,194,115 ..... c 25 N80-20334 *
US-PATENT-4,195,244 ..... c 35 N80-20559 *
US-PATENT-4,195,279 ..... c 35 N80-20560 *
US-PATENT-4,195,512 ..... c 43 N80-23711 *
US-PATENT-4,195,666 ..... c 37 N80-23654 *
US-PATENT-4,196,129 ..... c 27 N80-32515 *
US-PATENT-4,196,619 ..... c 46 N80-24906 *
US-PATENT-4,196,840 ..... c 37 N80-23655 *
US-PATENT-4,197,530 ..... c 33 N80-23559 *
US-PATENT-4,198,209 ..... c 28 N80-23471 *
US-PATENT-4,198,232 ..... c 26 N80-23419 *
US-PATENT-4,198,788 ..... c 74 N80-24149 *
US-PATENT-4,198,792 ..... c 25 N80-23383 *
US-PATENT-4,198,988 ..... c 52 N80-23969 *
US-PATENT-4,199,448 ..... c 27 N80-23452 *
US-PATENT-4,199,650 ..... c 27 N80-24437 *
US-PATENT-4,199,764 ..... c 32 N80-23524 *
US-PATENT-4,199,937 ..... c 34 N80-24573 *
US-PATENT-4,199,937 ..... c 44 N81-24519 *
US-PATENT-4,200,721 ..... c 27 N80-24438 *
US-PATENT-4,201,468 ..... c 32 N80-24510 *
US-PATENT-4,203,723 ..... c 27 N80-26446 *
US-PATENT-4,204,037 ..... c 51 N80-27067 *
US-PATENT-4,204,154 ..... c 33 N80-26599 *
US-PATENT-4,204,402 ..... c 07 N80-26298 *

US-PATENT-4,453,163 ..... c 06 N84-27733 *
US-PATENT-4,454,611 ..... c 54 N84-28484 *
US-PATENT-4,454,649 ..... c 44 N84-28205 *
US-PATENT-4,454,753 ..... c 09 N84-27749 *
US-PATENT-4,455,418 ..... c 27 N84-27885 *
US-PATENT-4,455,418 ..... c 25 N85-28982 *
US-PATENT-4,455,532 ..... c 72 N84-28575 *
US-PATENT-4,455,680 ..... c 32 N84-27952 *
US-PATENT-4,456,208 ..... c 27 N84-27886 *
US-PATENT-4,456,708 ..... c 51 N84-28361 *
US-PATENT-4,458,418 ..... c 37 N84-28085 *
US-PATENT-4,458,554 ..... c 37 N84-28082 *
US-PATENT-4,459,083 ..... c 02 N84-28732 *
US-PATENT-4,459,470 ..... c 27 N84-33589 *
US-PATENT-4,459,528 ..... c 33 N84-27975 *
US-PATENT-4,459,562 ..... c 33 N84-27974 *
US-PATENT-4,462,871 ..... c 76 N84-35112 * #
US-PATENT-4,463,357 ..... c 46 N85-21846 *
US-PATENT-4,463,465 ..... c 03 N84-33394 *
US-PATENT-4,463,606 ..... c 71 N85-22105 *
US-PATENT-4,464,710 ..... c 33 N84-33663 *
US-PATENT-4,466,242 ..... c 20 N85-21256 *
US-PATENT-4,466,667 ..... c 35 N84-33768 *
US-PATENT-4,469,552 ..... c 76 N84-35113 *
US-PATENT-4,469,942 ..... c 35 N84-33767 *
US-PATENT-4,469,998 ..... c 33 N84-33661 *
US-PATENT-4,470,293 ..... c 37 N84-33807 *
US-PATENT-4,470,403 ..... c 44 N84-34792 *
US-PATENT-4,471,357 ..... c 32 N84-34651 *
US-PATENT-4,472,473 ..... c 18 N84-33450 *
US-PATENT-4,472,716 ..... c 35 N84-33769 *
US-PATENT-4,472,728 ..... c 35 N84-33765 *
US-PATENT-4,473,259 ..... c 37 N85-20337 *
US-PATENT-4,473,674 ..... c 24 N84-34571 *
US-PATENT-4,473,792 ..... c 33 N84-33660 *
US-PATENT-4,474,062 ..... c 06 N84-34443 *
US-PATENT-4,474,180 ..... c 52 N84-34913 *
US-PATENT-4,474,471 ..... c 35 N84-34705 *
US-PATENT-4,474,975 ..... c 25 N85-21280 *
US-PATENT-4,475,063 ..... c 33 N85-21491 *
US-PATENT-4,475,385 ..... c 09 N84-34448 *
US-PATENT-4,475,527 ..... c 37 N85-21650 *
US-PATENT-4,475,921 ..... c 71 N85-22104 *
US-PATENT-4,478,879 ..... c 44 N85-20530 *
US-PATENT-4,479,053 ..... c 74 N85-22139 *
US-PATENT-4,479,386 ..... c 27 N85-20126 *
US-PATENT-4,479,560 ..... c 35 N85-20294 *
US-PATENT-4,481,570 ..... c 60 N85-21992 *
US-PATENT-4,482,778 ..... c 44 N85-21768 *
US-PATENT-4,482,779 ..... c 33 N85-21492 *
US-PATENT-4,483,512 ..... c 37 N85-20338 *
US-PATENT-4,483,639 ..... c 37 N85-21649 *
US-PATENT-4,483,817 ..... c 25 N85-21279 *
US-PATENT-4,485,151 ..... c 24 N85-21266 *
US-PATENT-4,485,151 ..... c 24 N85-35233 *
US-PATENT-4,485,670 ..... c 34 N85-21568 *
US-PATENT-4,485,671 ..... c 35 N85-20295 *
US-PATENT-4,485,992 ..... c 08 N85-19985 *
US-PATENT-4,488,155 ..... c 33 N85-21493 *
US-PATENT-4,488,335 ..... c 27 N85-20125 *
US-PATENT-4,488,663 ..... c 35 N85-21595 *
US-PATENT-4,489,027 ..... c 27 N85-20124 *
US-PATENT-4,489,239 ..... c 36 N85-21631 *
US-PATENT-4,489,243 ..... c 44 N85-21769 *
US-PATENT-4,489,264 ..... c 33 N85-22877 *
US-PATENT-4,490,117 ..... c 09 N85-19990 *
US-PATENT-4,490,229 ..... c 31 N85-20153 *
US-PATENT-4,491,427 ..... c 37 N85-21651 *
US-PATENT-4,493,021 ..... c 32 N85-21428 *
US-PATENT-4,493,211 ..... c 09 N85-21178 *
US-PATENT-4,493,553 ..... c 36 N85-21639 *
US-PATENT-4,495,044 ..... c 24 N85-21267 *
US-PATENT-4,495,339 ..... c 25 N85-30039 *
US-PATENT-4,495,520 ..... c 32 N85-21427 *
US-PATENT-4,496,122 ..... c 05 N85-21147 *
US-PATENT-4,496,701 ..... c 27 N85-21347 *
US-PATENT-4,497,540 ..... c 74 N85-23396 *
US-PATENT-4,497,935 ..... c 27 N85-21349 *
US-PATENT-4,497,939 ..... c 27 N85-21351 *
US-PATENT-4,497,940 ..... c 27 N85-21352 *
US-PATENT-4,497,948 ..... c 27 N85-21350 *
US-PATENT-4,498,231 ..... c 35 N85-21598 *
US-PATENT-4,498,333 ..... c 35 N85-21597 *
US-PATENT-4,499,260 ..... c 27 N85-21348 *
US-PATENT-4,499,424 ..... c 35 N85-21596 *
US-PATENT-4,499,470 ..... c 43 N85-21723 *
US-PATENT-4,500,265 ..... c 31 N85-21404 *
US-PATENT-4,500,492 ..... c 37 N85-21652 *
US-PATENT-4,503,436 ..... c 32 N85-29118 *
US-PATENT-4,505,998 ..... c 33 N85-29144 *
US-PATENT-4,506,183 ..... c 34 N85-29179 *
US-PATENT-4,507,928 ..... c 31 N85-29082 *
US-PATENT-4,508,296 ..... c 18 N85-29991 *
US-PATENT-4,509,048 ..... c 32 N85-34327 *
US-PATENT-4,509,130 ..... c 36 N85-29264 *
US-PATENT-4,509,132 ..... c 33 N85-34333 *
US-PATENT-4,509,548 ..... c 37 N85-34403 *
US-PATENT-4,510,277 ..... c 27 N85-34282 *
US-PATENT-4,510,296 ..... c 23 N85-28973 *
US-PATENT-4,510,476 ..... c 33 N85-29146 *
US-PATENT-4,511,362 ..... c 25 N85-35253 *
US-PATENT-4,511,838 ..... c 76 N85-30923 *
US-PATENT-4,512,332 ..... c 44 N85-30474 *
US-PATENT-4,512,661 ..... c 35 N85-30282 *
US-PATENT-4,512,678 ..... c 37 N85-30334 *
US-PATENT-4,512,699 ..... c 37 N85-29285 *
US-PATENT-4,512,846 ..... c 76 N85-29800 *
US-PATENT-4,513,317 ..... c 32 N85-29117 *
US-PATENT-4,513,423 ..... c 36 N85-30305 *
US-PATENT-4,513,750 ..... c 52 N85-30618 *
US-PATENT-4,513,810 ..... c 35 N85-29214 *
US-PATENT-4,514,137 ..... c 37 N85-29282 *
US-PATENT-4,514,143 ..... c 05 N85-29947 *
US-PATENT-4,514,178 ..... c 35 N85-29212 *
US-PATENT-4,514,557 ..... c 25 N85-28982 *
US-PATENT-4,515,207 ..... c 34 N85-29180 *
US-PATENT-4,515,751 ..... c 35 N85-29213 *
US-PATENT-4,516,071 ..... c 33 N85-30187 *
US-PATENT-4,516,435 ..... c 37 N85-29286 *
US-PATENT-4,517,472 ..... c 33 N85-29147 *
US-PATENT-4,517,505 ..... c 37 N85-30333 *
US-PATENT-4,517,530 ..... c 33 N85-29143 *
US-PATENT-4,518,277 ..... c 37 N85-30336 *
US-PATENT-4,518,625 ..... c 24 N85-30027 *
US-PATENT-4,518,722 ..... c 27 N85-29044 *
US-PATENT-4,519,545 ..... c 37 N85-29283 *
US-PATENT-4,520,601 ..... c 37 N85-30335 *
US-PATENT-4,520,656 ..... c 71 N85-29693 *
US-PATENT-4,521,077 ..... c 74 N85-29750 *
US-PATENT-4,521,659 ..... c 31 N85-29083 *
US-PATENT-4,521,688 ..... c 35 N85-30281 *
US-PATENT-4,521,702 ..... c 33 N85-29145 *
US-PATENT-4,521,854 ..... c 33 N85-29142 *
US-PATENT-4,522,469 ..... c 76 N85-33826 *
US-PATENT-4,522,661 ..... c 76 N85-30922 *
US-PATENT-4,522,755 ..... c 27 N86-19455 *
US-PATENT-4,522,844 ..... c 26 N85-29005 *
US-PATENT-4,523,008 ..... c 27 N85-29043 *
US-PATENT-4,523,682 ..... c 71 N85-30765 *
US-PATENT-4,523,741 ..... c 37 N85-29284 *
US-PATENT-4,523,810 ..... c 74 N85-29749 *
US-PATENT-4,524,237 ..... c 44 N85-30475 *
US-PATENT-4,526,925 ..... c 27 N86-20560 *
US-PATENT-4,526,925 ..... c 27 N87-22845 *
US-PATENT-4,527,092 ..... c 37 N85-33489 *
US-PATENT-4,527,910 ..... c 37 N85-33490 *
US-PATENT-4,528,386 ..... c 23 N85-33187 *
US-PATENT-4,528,417 ..... c 44 N85-34441 *
US-PATENT-4,528,639 ..... c 60 N85-33701 *
US-PATENT-4,529,358 ..... c 34 N85-33433 *
US-PATENT-4,531,143 ..... c 33 N86-19516 *
US-PATENT-4,532,797 ..... c 35 N85-34373 *
US-PATENT-4,533,101 ..... c 07 N85-35194 *
US-PATENT-4,533,242 ..... c 74 N85-34629 *
US-PATENT-4,534,166 ..... c 07 N85-35195 *
US-PATENT-4,535,033 ..... c 24 N85-35233 *
US-PATENT-4,535,035 ..... c 26 N85-35267 *
US-PATENT-4,535,636 ..... c 35 N85-34375 *
US-PATENT-4,536,114 ..... c 37 N85-34401 *
US-PATENT-4,536,565 ..... c 27 N85-34280 *
US-PATENT-4,537,554 ..... c 85 N85-34722 *
US-PATENT-4,537,834 ..... c 27 N85-34281 *
US-PATENT-4,538,066 ..... c 35 N85-34374 *
US-PATENT-4,538,446 ..... c 34 N86-12547 *
US-PATENT-4,538,778 ..... c 08 N85-35200 *
US-PATENT-4,539,293 ..... c 23 N85-35227 *
US-PATENT-4,540,986 ..... c 04 N86-19304 *
US-PATENT-4,542,520 ..... c 74 N86-20126 *
US-PATENT-4,542,858 ..... c 33 N86-20669 *
US-PATENT-4,542,963 ..... c 74 N86-20125 *
US-PATENT-4,543,295 ..... c 27 N86-20561 *
US-PATENT-4,543,302 ..... c 44 N86-19721 *
US-PATENT-4,543,442 ..... c 76 N86-20150 *
US-PATENT-4,544,025 ..... c 35 N86-20750 *
US-PATENT-4,544,068 ..... c 35 N86-20751 *
US-PATENT-4,545,025 ..... c 60 N86-21154 *
US-PATENT-4,545,553 ..... c 33 N86-20671 *
US-PATENT-4,545,586 ..... c 37 N86-20788 *
US-PATENT-4,545,723 ..... c 37 N86-19603 *
US-PATENT-4,546,248 ..... c 32 N86-20647 *
US-PATENT-4,547,121 ..... c 37 N86-20789 *
US-PATENT-4,547,686 ..... c 33 N86-20672 *
US-PATENT-4,548,083 ..... c 39 N86-20841 *
US-PATENT-4,549,435 ..... c 35 N86-20752 *
US-PATENT-4,550,129 ..... c 24 N86-19380 *
US-PATENT-4,550,177 ..... c 23 N86-19376 *
US-PATENT-4,550,177 ..... c 23 N88-24692 *
US-PATENT-4,550,292 ..... c 33 N86-20668 *
US-PATENT-4,550,561 ..... c 07 N86-20389 *
US-PATENT-4,551,677 ..... c 35 N86-32698 *
US-PATENT-4,551,687 ..... c 33 N86-20670 *
US-PATENT-4,551,724 ..... c 43 N86-19711 *
US-PATENT-4,552,466 ..... c 37 N86-19606 *
US-PATENT-4,552,784 ..... c 26 N86-32550 *
US-PATENT-4,552,931 ..... c 27 N86-19456 *
US-PATENT-4,553,110 ..... c 33 N86-19515 *
US-PATENT-4,553,393 ..... c 37 N86-19604 *
US-PATENT-4,553,917 ..... c 26 N86-32551 *
US-PATENT-4,554,905 ..... c 18 N86-20469 *
US-PATENT-4,556,327 ..... c 35 N86-19580 *
US-PATENT-4,556,986 ..... c 74 N86-21348 *
US-PATENT-4,557,097 ..... c 31 N86-19479 *
US-PATENT-4,557,149 ..... c 35 N86-19581 *
US-PATENT-4,557,444 ..... c 05 N86-19310 *
US-PATENT-4,558,585 ..... c 71 N86-21276 *
US-PATENT-4,558,967 ..... c 37 N86-19605 *
US-PATENT-4,560,577 ..... c 27 N86-19458 *
US-PATENT-4,560,742 ..... c 27 N86-19457 *
US-PATENT-4,561,784 ..... c 25 N86-19413 *
US-PATENT-4,562,583 ..... c 74 N86-20124 *
US-PATENT-4,564,787 ..... c 33 N86-21742 *
US-PATENT-4,565,557 ..... c 31 N86-21718 *
US-PATENT-4,565,886 ..... c 27 N86-21675 *
US-PATENT-4,566,447 ..... c 54 N86-22112 *
US-PATENT-4,567,301 ..... c 23 N86-21582 *
US-PATENT-4,567,348 ..... c 37 N86-21850 *
US-PATENT-4,568,733 ..... c 24 N86-21590 *
US-PATENT-4,572,004 ..... c 35 N86-25752 *
US-PATENT-4,572,699 ..... c 37 N87-22976 *
US-PATENT-4,573,356 ..... c 71 N88-24241 *
US-PATENT-4,578,678 ..... c 04 N86-27270 *
US-PATENT-4,578,920 ..... c 37 N86-25789 *
US-PATENT-4,579-782 ..... c 24 N86-25416 *
US-PATENT-4,579,302 ..... c 18 N86-24729 *
US-PATENT-4,579,475 ..... c 37 N86-27630 *
US-PATENT-4,580-791 ..... c 37 N86-25790 *
US-PATENT-4,582,277 ..... c 16 N86-26352 *
US-PATENT-4,582,289 ..... c 37 N87-21333 *
US-PATENT-4,582,590 ..... c 25 N86-25428 *
US-PATENT-4,583,587 ..... c 34 N86-27593 *
US-PATENT-4,583,860 ..... c 74 N86-26190 *
US-PATENT-4,584,249 ..... c 44 N86-25874 *
US-PATENT-4,584,510 ..... c 08 N86-27288 *
US-PATENT-4,584,887 ..... c 35 N86-26595 *
US-PATENT-4,585,191 ..... c 20 N86-26368 *
US-PATENT-4,585,344 ..... c 35 N86-25753 *
US-PATENT-4,586,140 ..... c 06 N86-27280 *
US-PATENT-4,586,394 ..... c 35 N87-21304 *
US-PATENT-4,586,487 ..... c 44 N86-27706 *
US-PATENT-4,587,312 ..... c 27 N86-27450 *
US-PATENT-4,587,324 ..... c 23 N86-32525 *
US-PATENT-4,587,526 ..... c 37 N86-25791 *
US-PATENT-4,588,778 ..... c 27 N86-27451 *
US-PATENT-4,588,986 ..... c 32 N86-27513 *
US-PATENT-4,591,772 ..... c 37 N86-27629 *
US-PATENT-4,591,838 ..... c 25 N86-27431 *
US-PATENT-4,593,415 ..... c 54 N86-28618 *
US-PATENT-4,594,540 ..... c 31 N86-29055 *
US-PATENT-4,594,720 ..... c 36 N86-29204 *
US-PATENT-4,594,734 ..... c 54 N86-28620 *
US-PATENT-4,595,399 ..... c 35 N86-29174 *
US-PATENT-4,595,548 ..... c 27 N86-29039 *
US-PATENT-4,596,626 ..... c 76 N86-28760 *
US-PATENT-4,598,007 ..... c 24 N86-28131 *
US-PATENT-4,598,427 ..... c 54 N86-28619 *
US-PATENT-4,598,428 ..... c 54 N86-29507 * #
US-PATENT-4,598,981 ..... c 74 N86-28732 *
US-PATENT-4,599,001 ..... c 74 N86-29650 * #
US-PATENT-4,600,299 ..... c 74 N86-32266 *
US-PATENT-4,600,301 ..... c 35 N86-32697 *
US-PATENT-4,600,769 ..... c 27 N86-31726 * #
US-PATENT-4,600,840 ..... c 72 N86-33127 *
US-PATENT-4,602,081 ..... c 27 N86-32568 * #
US-PATENT-4,602,509 ..... c 35 N86-32695 * #
US-PATENT-4,603,061 ..... c 27 N86-31727 *
US-PATENT-4,603,306 ..... c 33 N86-32624 *
US-PATENT-4,604,038 ..... c 37 N86-32738 *
US-PATENT-4,604,181 ..... c 27 N86-32569 *
US-PATENT-4,604,844 ..... c 37 N86-32737 *
US-PATENT-4,604,903 ..... c 35 N86-32696 *
US-PATENT-4,605,155 ..... c 37 N86-32736 * #
US-PATENT-4,605,303 ..... c 09 N86-32447 *
US-PATENT-4,605,424 ..... c 33 N90-20320 *
US-PATENT-4,605,946 ..... c 76 N87-13313 *
US-PATENT-4,607,193 ..... c 31 N86-32587 *
US-PATENT-4,608,452 ..... c 44 N86-32875 *
US-PATENT-4,608,821 ..... c 20 N87-16875 *
US-PATENT-4,610,736 ..... c 26 N87-14482 *
US-PATENT-4,612,072 ..... c 76 N87-15882 *
US-PATENT-4,614,428 ..... c 74 N87-14971 *
US-PATENT-4,615,637 ..... c 18 N87-14373 *
US-PATENT-4,616,793 ..... c 05 N87-14314 *
US-PATENT-4,618,215 ..... c 09 N87-14355 *
US-PATENT-4,618,380 ..... c 35 N87-14671 *
US-PATENT-4,618,652 ..... c 27 N87-15304 *
US-PATENT-4,619,142 ..... c 35 N87-14670 *
US-PATENT-4,619,423 ..... c 02 N87-16793 *
US-PATENT-4,620,898 ..... c 31 N87-21160 *

US-PATENT-4,890,915 ..... c 76 N90-24150 *
US-PATENT-4,891,591 ..... c 27 N90-23544 *
US-PATENT-4,894,554 ..... c 37 N90-23742 *
US-PATENT-4,895,430 ..... c 35 N91-14590 *
US-PATENT-4,895,915 ..... c 23 N91-14418 *
US-PATENT-4,895,972 ..... c 27 N90-23546 *
US-PATENT-4,896,533 ..... c 35 N90-23707 *
US-PATENT-4,899,356 ..... c 38 N90-23756 *
US-PATENT-4,902,354 ..... c 09 N90-23415 *
US-PATENT-4,902,450 ..... c 34 N90-23700 *
US-PATENT-4,902,647 ..... c 72 N91-14813 *
US-PATENT-4,902,769 ..... c 23 N91-27220 *
US-PATENT-4,904,538 ..... c 24 N90-23493 *
US-PATENT-4,907,233 ..... c 17 N90-21061 *
US-PATENT-4,909,133 ..... c 37 N90-22042 *
US-PATENT-4,909,313 ..... c 34 N90-21999 *
US-PATENT-4,909,436 ..... c 35 N91-21496 *
US-PATENT-4,909,833 ..... c 29 N90-21209 *
US-PATENT-4,910,233 ..... c 27 N90-21198 *
US-PATENT-4,910,396 ..... c 74 N90-22383 *
US-PATENT-4,911,062 ..... c 24 N90-21822 *
US-PATENT-4,911,738 ..... c 35 N90-22024 *
US-PATENT-4,911,890 ..... c 35 N90-22025 *
US-PATENT-4,912,082 ..... c 25 N90-23517 *
US-PATENT-4,912,238 ..... c 23 N91-17141 *
US-PATENT-4,912,386 ..... c 33 N90-21951 *
US-PATENT-4,912,411 ..... c 26 N90-21170 *
US-PATENT-4,912,414 ..... c 35 N90-22023 *
US-PATENT-4,913,225 ..... c 31 N91-15424 *
US-PATENT-4,913,534 ..... c 35 N91-13694 *
US-PATENT-4,916,954 ..... c 35 N90-23712 *
US-PATENT-4,917,302 ..... c 37 N90-23751 *
US-PATENT-4,917,332 ..... c 05 N91-14345 *
US-PATENT-4,917,333 ..... c 05 N90-23390 *
US-PATENT-4,917,840 ..... c 76 N90-24168 *
US-PATENT-4,918,652 ..... c 35 N90-23713 *
US-PATENT-4,919,852 ..... c 27 N90-23566 *
US-PATENT-4,919,899 ..... c 76 N90-24169 *
US-PATENT-4,920,487 ..... c 62 N91-14769 *
US-PATENT-4,921,212 ..... c 37 N91-14609 *
US-PATENT-4,921,293 ..... c 37 N91-14616 *
US-PATENT-4,923,545 ..... c 24 N90-25197 *
US-PATENT-4,923,741 ..... c 54 N90-25498 *
US-PATENT-4,923,751 ..... c 24 N90-25196 *
US-PATENT-4,924,053 ..... c 31 N90-26168 *
US-PATENT-4,925,297 ..... c 36 N90-25340 *
US-PATENT-4,926,481 ..... c 60 N90-25583 *
US-PATENT-4,926,694 ..... c 24 N91-14430 *
US-PATENT-4,927,326 ..... c 37 N91-14608 *
US-PATENT-4,928,027 ..... c 27 N91-14489 *
US-PATENT-4,932,270 ..... c 35 N91-17350 *
US-PATENT-4,932,610 ..... c 34 N91-14562 *
US-PATENT-4,932,688 ..... c 37 N91-14613 *
US-PATENT-4,932,777 ..... c 09 N91-14356 *
US-PATENT-4,932,806 ..... c 37 N91-17387 *
US-PATENT-4,932,807 ..... c 37 N91-15544 *
US-PATENT-4,933,558 ..... c 74 N91-14835 *
US-PATENT-4,933,936 ..... c 62 N91-14772 *
US-PATENT-4,936,146 ..... c 34 N91-31596 *
US-PATENT-4,936,309 ..... c 52 N91-14709 *
US-PATENT-4,936,869 ..... c 28 N91-14495 *
US-PATENT-4,937,317 ..... c 27 N91-15403 *
US-PATENT-4,937,356 ..... c 23 N91-14419 *
US-PATENT-4,937,891 ..... c 54 N91-14723 *
US-PATENT-4,942,632 ..... c 54 N91-14724 *
US-PATENT-4,945,012 ..... c 33 N91-14538 *
US-PATENT-4,945,549 ..... c 32 N91-14523 *
US-PATENT-4,946,122 ..... c 37 N91-14617 *
US-PATENT-4,946,421 ..... c 37 N91-17388 *
US-PATENT-4,946,890 ..... c 27 N91-15402 *
US-PATENT-4,947,408 ..... c 32 N92-21712 *
US-PATENT-4,952,811 ..... c 35 N91-14588 *
US-PATENT-4,952,836 ..... c 76 N91-14872 *
US-PATENT-4,954,864 ..... c 33 N91-14551 *
US-PATENT-4,955,653 ..... c 37 N91-14615 *
US-PATENT-4,956,996 ..... c 35 N91-15511 *
US-PATENT-4,957,139 ..... c 34 N91-14563 *
US-PATENT-4,957,357 ..... c 35 N91-14591 *
US-PATENT-4,957,661 ..... c 24 N91-15320 *
US-PATENT-4,959,084 ..... c 45 N91-14662 *
US-PATENT-4,959,656 ..... c 04 N91-14321 *
US-PATENT-4,962,330 ..... c 71 N91-14808 *
US-PATENT-4,963,052 ..... c 37 N91-14614 *
US-PATENT-4,964,300 ..... c 19 N91-14412 *
US-PATENT-4,964,303 ..... c 71 N91-14807 *
US-PATENT-4,964,453 ..... c 26 N91-14462 *
US-PATENT-4,964,722 ..... c 35 N91-15512 *
US-PATENT-4,965,429 ..... c 31 N91-14508 *
US-PATENT-4,965,743 ..... c 61 N91-14741 *
US-PATENT-4,966,823 ..... c 33 N91-14536 *
US-PATENT-4,971,139 ..... c 34 N91-21473 *
US-PATENT-4,971,474 ..... c 37 N91-14610 *
US-PATENT-4,973,840 ..... c 35 N91-14587 *
US-PATENT-4,973,914 ..... c 33 N91-14550 *
US-PATENT-4,973,936 ..... c 33 N91-14537 *
US-PATENT-4,974,181 ..... c 17 N91-14371 *
US-PATENT-4,974,230 ..... c 36 N91-15528 *
US-PATENT-4,975,672 ..... c 33 N91-14539 *
US-PATENT-4,975,704 ..... c 43 N91-14642 *
US-PATENT-4,977,395 ..... c 37 N91-14607 *
US-PATENT-4,980,126 ..... c 24 N91-17145 *
US-PATENT-4,980,626 ..... c 37 N91-21542 *
US-PATENT-4,980,636 ..... c 33 N91-14552 *
US-PATENT-4,981,345 ..... c 37 N91-21545 *
US-PATENT-4,984,457 ..... c 35 N91-21495 *
US-PATENT-4,986,132 ..... c 37 N91-21540 *
US-PATENT-4,987,339 ..... c 76 N91-21911 *
US-PATENT-4,988,623 ..... c 51 N91-21700 *
US-PATENT-4,989,497 ..... c 35 N91-21494 *
US-PATENT-4,990,312 ..... c 09 N91-21157 *
US-PATENT-4,990,739 ..... c 75 N91-25875 *
US-PATENT-4,990,922 ..... c 43 N91-21621 *
US-PATENT-4,990,988 ..... c 33 N91-21434 *
US-PATENT-4,991,181 ..... c 25 N91-21270 *
US-PATENT-4,991,788 ..... c 18 N91-21222 *
US-PATENT-4,995,272 ..... c 14 N91-21176 *
US-PATENT-4,995,697 ..... c 74 N91-21871 *
US-PATENT-4,997,158 ..... c 37 N91-21541 *
US-PATENT-4,998,842 ..... c 18 N91-21221 *
US-PATENT-4,999,553 ..... c 37 N91-21544 *
US-PATENT-5,000,033 ..... c 14 N91-21175 *
US-PATENT-5,000,416 ..... c 37 N91-21543 *
US-PATENT-5,001,924 ..... c 35 N91-21493 *
US-PATENT-5,002,890 ..... c 51 N91-21701 *
US-PATENT-5,003,211 ..... c 70 N91-21824 *
US-PATENT-5,003,235 ..... c 37 N91-21539 *
US-PATENT-5,004,575 ..... c 24 N91-25200 *
US-PATENT-5,005,147 ..... c 32 N91-25317 *
US-PATENT-5,005,457 ..... c 54 N91-26747 *
US-PATENT-5,005,787 ..... c 54 N91-31803 * #
US-PATENT-5,005,954 ..... c 74 N91-26918 *
US-PATENT-5,007,068 ..... c 32 N91-25316 *
US-PATENT-5,007,983 ..... c 25 N91-31258 *
US-PATENT-5,008,061 ..... c 24 N91-25199 *
US-PATENT-5,011,907 ..... c 27 N91-27372 *
US-PATENT-5,011,955 ..... c 23 N91-25185 *
US-PATENT-5,012,062 ..... c 27 N91-25296 *
US-PATENT-5,013,531 ..... c 76 N92-25398 *
US-PATENT-5,014,340 ..... c 33 N91-31530 *
US-PATENT-5,014,917 ..... c 37 N91-27560 *
US-PATENT-5,015,825 ..... c 14 N91-27175 *
US-PATENT-5,015,851 ..... c 72 N91-27936 *
US-PATENT-5,015,963 ..... c 33 N91-26438 *
US-PATENT-5,016,418 ..... c 18 N91-27199 *
US-PATENT-5,017,549 ..... c 14 N92-15081 *
US-PATENT-5,017,883 ..... c 32 N91-27439 *
US-PATENT-5,018,688 ..... c 05 N91-27156 *
US-PATENT-5,019,176 ..... c 44 N91-27614 *
US-PATENT-5,019,470 ..... c 33 N91-27478 *
US-PATENT-5,019,533 ..... c 76 N91-28014 *
US-PATENT-5,020,739 ..... c 02 N91-27139 *
US-PATENT-5,020,742 ..... c 03 N91-31113 *
US-PATENT-5,020,743 ..... c 18 N91-27201 *
US-PATENT-5,020,774 ..... c 34 N91-27504 *
US-PATENT-5,020,876 ..... c 18 N91-27200 *
US-PATENT-5,021,065 ..... c 54 N91-32795 *
US-PATENT-5,021,518 ..... c 27 N91-31307 *
US-PATENT-5,021,729 ..... c 33 N91-27479 *
US-PATENT-5,023,034 ..... c 37 N91-27562 *
US-PATENT-5,024,288 ..... c 71 N91-27913 *
US-PATENT-5,025,455 ..... c 32 N91-25318 *
US-PATENT-5,026,008 ..... c 34 N91-25380 *
US-PATENT-5,026,650 ..... c 51 N91-30667 *
US-PATENT-5,027,182 ..... c 74 N91-25841 *
US-PATENT-5,027,860 ..... c 31 N91-25305 *
US-PATENT-5,029,216 ..... c 35 N91-27522 *
US-PATENT-5,029,220 ..... c 74 N91-25840 *
US-PATENT-5,031,089 ..... c 62 N91-25693 * #
US-PATENT-5,031,234 ..... c 74 N91-27957 *
US-PATENT-5,031,627 ..... c 71 N91-27914 *
US-PATENT-5,031,689 ..... c 31 N91-27385 *
US-PATENT-5,032,045 ..... c 37 N91-27561 *
US-PATENT-5,034,093 ..... c 25 N92-25399 * #
US-PATENT-5,034,187 ..... c 24 N91-27244 *
US-PATENT-5,038,089 ..... c 63 N91-31885 *
US-PATENT-5,038,473 ..... c 37 N91-31655 *
US-PATENT-5,038,693 ..... c 24 N91-31236 *
US-PATENT-5,040,886 ..... c 74 N92-16810 *
US-PATENT-5,041,881 ..... c 33 N92-16197 *
US-PATENT-5,044,063 ..... c 37 N91-31656 *
US-PATENT-5,046,395 ..... c 37 N91-32498 *
US-PATENT-5,047,686 ..... c 74 N91-31950 *
US-PATENT-5,047,700 ..... c 33 N91-31528 *
US-PATENT-5,047,9421-CU ..... c 04 N91-31120 *
US-PATENT-5,048,023 ..... c 60 N91-31810 *
US-PATENT-5,048,973 ..... c 35 N91-31608 *
US-PATENT-5,049,492 ..... c 51 N91-31755 *
US-PATENT-5,049,539 ..... c 33 N91-31529 *
US-PATENT-5,050,789 ..... c 31 N91-31476 *
US-PATENT-5,050,819 ..... c 05 N91-31140 *
US-PATENT-5,051,559 ..... c 37 N91-32508 *
US-PATENT-5,052,807 ..... c 74 N91-32922 *
US-PATENT-5,052,817 ..... c 25 N91-32196 *
US-PATENT-5,053,778 ..... c 43 N91-32546 *
US-PATENT-5,054,287 ..... c 20 N92-10054 *
US-PATENT-5,055,240 ..... c 31 N91-32240 *
US-PATENT-5,056,037 ..... c 62 N91-32852 *
US-PATENT-5,056,156 ..... c 27 N92-10091 *
US-PATENT-5,056,361 ..... c 35 N92-10185 *
US-PATENT-5,057,338 ..... c 24 N92-10070 *
US-PATENT-5,057,473 ..... c 25 N92-10073 *
US-PATENT-5,057,917 ..... c 32 N92-10128 *
US-PATENT-5,058,281 ..... c 35 N92-10186 *
US-PATENT-5,058,506 ..... c 37 N91-32514 *
US-PATENT-5,058,591 ..... c 52 N92-11621 *
US-PATENT-5,058,929 ..... c 37 N92-10197 *
US-PATENT-5,059,409 ..... c 27 N92-10090 *
US-PATENT-5,059,581 ..... c 76 N92-10681 *
US-PATENT-5,061,112 ..... c 31 N92-16161 *
US-PATENT-5,061,783 ..... c 25 N92-16043 *
US-PATENT-5,062,693 ..... c 74 N92-16808 *
US-PATENT-5,062,694 ..... c 36 N92-16290 *
US-PATENT-5,063,734 ..... c 20 N92-15122 *
US-PATENT-5,063,747 ..... c 31 N92-15203 *
US-PATENT-5,063,789 ..... c 34 N92-16241 *
US-PATENT-5,064,111 ..... c 31 N92-16162 *
US-PATENT-5,064,151 ..... c 18 N92-21999 *
US-PATENT-5,064,868 ..... c 27 N92-16123 *
US-PATENT-5,065,236 ..... c 74 N92-16809 *
US-PATENT-5,066,337 ..... c 44 N92-16457 *
US-PATENT-5,066,625 ..... c 27 N92-16122 *
US-PATENT-5,066,748 ..... c 27 N92-16121 *
US-PATENT-5,067,019 ..... c 60 N92-16563 *
US-PATENT-5,067,388 ..... c 18 N92-15114 *
US-PATENT-5,068,951 ..... c 37 N92-28754 *
US-PATENT-5,070,729 ..... c 02 N92-21588 *
US-PATENT-5,070,964 ..... c 54 N92-16559 *
US-PATENT-5,071,091 ..... c 16 N92-16007 *
US-PATENT-5,072,133 ..... c 33 N92-16196 *
US-PATENT-5,072,379 ..... c 62 N92-15620 * #
US-PATENT-5,073,412 ..... c 24 N92-16025 *
US-PATENT-5,075,243 ..... c 24 N92-18561 *
US-PATENT-5,076,103 ..... c 35 N92-21586 *
US-PATENT-5,076,590 ..... c 37 N92-16318 *
US-PATENT-5,077,015 ..... c 34 N92-16243 *
US-PATENT-5,077,622 ..... c 74 N92-16811 *
US-PATENT-5,079,082 ..... c 24 N92-16026 *
US-PATENT-5,079,460 ..... c 33 N92-15331 *
US-PATENT-5,080,286 ..... c 34 N92-21724 *
US-PATENT-5,080,490 ..... c 74 N92-22034 *
US-PATENT-5,080,724 ..... c 44 N92-22037 *
US-PATENT-5,080,977 ..... c 24 N92-21725 *
US-PATENT-5,081,198 ..... c 27 N92-22044 *
US-PATENT-5,082,293 ..... c 37 N92-22043 *
US-PATENT-5,083,378 ..... c 35 N92-22039 *
US-PATENT-5,084,645 ..... c 33 N92-22042 *
US-PATENT-5,085,073 ..... c 35 N92-21710 *
US-PATENT-5,086,204 ..... c 35 N92-22038 *
US-PATENT-5,086,400 ..... c 37 N92-22036 *
US-PATENT-5,086,828 ..... c 54 N92-21589 *
US-PATENT-5,087,088 ..... c 37 N92-21500 *
US-PATENT-5,088,665 ..... c 05 N92-21587 *
US-PATENT-5,090,857 ..... c 37 N92-21726 *
US-PATENT-5,092,956 ..... c 76 N92-21499 *
US-PATENT-5,094,974 ..... c 76 N92-22035 *
US-PATENT-5,096,340 ..... c 35 N92-21723 *
US-PATENT-5,098,961 ..... c 27 N92-21711 *
US-PATENT-5,099,294 ..... c 76 N92-22041 *
US-PATENT-5,100,694 ..... c 76 N92-22040 *
US-PATENT-5,101,361 ..... c 32 N92-22033 *
US-PATENT-5,102,150 ..... c 37 N92-21727 *
US-PATENT-5,103,941 ..... c 37 N92-21728 *
US-PATENT-5,104,683 ..... c 74 N92-29158 *
US-PATENT-5,104,802 ..... c 35 N92-31790 *
US-PATENT-5,107,107 ..... c 74 N92-29133 *
US-PATENT-5,107,526 ..... c 35 N92-29135 *
US-PATENT-5,107,920 ..... c 34 N92-28752 *
US-PATENT-5,108,214 ..... c 37 N92-29120 *
US-PATENT-5,108,568 ..... c 25 N92-28728 *
US-PATENT-5,109,195 ..... c 39 N92-29155 *
US-PATENT-5,109,345 ..... c 18 N92-28750 *
US-PATENT-5,109,425 ..... c 54 N92-29129 *
US-PATENT-5,110,436 ..... c 25 N92-28756 *
US-PATENT-5,110,694 ..... c 33 N92-28753 *
US-PATENT-5,111,345 ..... c 60 N92-29132 *
US-PATENT-5,112,120 ..... c 02 N92-28729 *
US-PATENT-5,112,154 ..... c 37 N92-29140 *
US-PATENT-5,112,923 ..... c 27 N92-31792 *
US-PATENT-5,113,064 ..... c 74 N92-29122 *
US-PATENT-5,113,659 ..... c 44 N92-29143 *
US-PATENT-5,113,714 ..... c 33 N92-29153 *
US-PATENT-5,116,331 ..... c 35 N92-29097 *
US-PATENT-5,116,543 ..... c 54 N92-29137 *
US-PATENT-5,116,690 ..... c 27 N92-29090 *
US-PATENT-5,116,807 ..... c 74 N92-28571 *
US-PATENT-5,116,934 ..... c 27 N92-28751 *
US-PATENT-5,116,939 ..... c 27 N92-29157 *
US-PATENT-5,117,139 ..... c 37 N92-29099 *

Typical Accession Number Index Listing



Listings in this index are arranged numerically by accession number. The category number indicates the category in Section 1 (Abstracts) in which the citation is located. The accession number denotes the number by which the citation is identified within the subject category. An asterisk (*) indicates that the item is a NASA report. A pound sign (#) indicates that the item is available on microfiche.

N69-21313* # c 09 ..... NASA-CASE-XAR-03786
N69-21313* # c 09 ..... US-PATENT-APPL-SN-476763
US-PATENT-CLASS-310-4
US-PATENT-3,423,608
N69-21330* # c 03 ..... NASA-CASE-XGS-03429
US-PATENT-APPL-SN-591930
US-PATENT-CLASS-321-2
US-PATENT-3,427,525
N69-21337* # c 03 ..... NASA-CASE-XNP-04264
US-PATENT-APPL-SN-447933
US-PATENT-CLASS-136-146
US-PATENT-3,421,948
N69-21362* # c 15 ..... NASA-CASE-XLE-05130
US-PATENT-APPL-SN-545224
US-PATENT-CLASS-277-25
US-PATENT-3,421,768
N69-21363* # c 14 ..... NASA-CASE-XGS-03865
US-PATENT-APPL-SN-478491
US-PATENT-CLASS-33-174
US-PATENT-3,419,964
N69-21380* # c 05 ..... NASA-CASE-XLA-08491
US-PATENT-APPL-SN-619520
US-PATENT-CLASS-244-4
US-PATENT-3,420,471
N69-21460* # c 15 ..... NASA-CASE-XKS-04614
US-PATENT-APPL-SN-574280
US-PATENT-CLASS-117-201
US-PATENT-3,420,704
N69-21465* # c 15 ..... NASA-CASE-XLA-08645
US-PATENT-APPL-SN-635970
US-PATENT-CLASS-62-93
US-PATENT-3,420,069
N69-21466* # c 12 ..... NASA-CASE-XLE-03512
US-PATENT-APPL-SN-462762
US-PATENT-CLASS-137-81.5
US-PATENT-3,420,253
N69-21467* # c 09 ..... NASA-CASE-XMS-06949
US-PATENT-APPL-SN-635328
US-PATENT-CLASS-346-44
US-PATENT-3,422,440
N69-21468* # c 09 ..... NASA-CASE-XNP-05612
US-PATENT-APPL-SN-562934
US-PATENT-CLASS-307-106
US-PATENT-3,422,278
N69-21469* # c 03 ..... NASA-CASE-XMS-04843
US-PATENT-APPL-SN-545229
US-PATENT-CLASS-137-624.14
US-PATENT-3,421,549
N69-21470* # c 09 ..... NASA-CASE-XLA-01288
US-PATENT-APPL-SN-460876
US-PATENT-CLASS-339-150
US-PATENT-3,421,134
N69-21471* # c 15 ..... NASA-CASE-XMS-03537
US-PATENT-APPL-SN-468655
US-PATENT-CLASS-219-121
US-PATENT-3,420,978
N69-21472* # c 15 ..... NASA-CASE-XGS-02437
US-PATENT-APPL-SN-487344
US-PATENT-CLASS-317-157.5
US-PATENT-3,421,053
N69-21473* # c 05 ..... NASA-CASE-XAR-01547
US-PATENT-APPL-SN-391343
US-PATENT-CLASS-128-2.08
US-PATENT-3,420,225
N69-21539* # c 03 ..... NASA-CASE-XGS-01395
US-PATENT-APPL-SN-545535
US-PATENT-CLASS-174-72
US-PATENT-3,422,213
N69-21540* # c 11 ..... NASA-CASE-XLA-02704
US-PATENT-APPL-SN-469011
US-PATENT-CLASS-73-67.2
US-PATENT-3,421,363
N69-21541* # c 14 ..... NASA-CASE-XNP-09752
US-PATENT-APPL-SN-640460
US-PATENT-CLASS-317-246
US-PATENT-3,422,324
N69-21542* # c 09 ..... NASA-CASE-XLE-03778
US-PATENT-APPL-SN-628247
US-PATENT-CLASS-174-18
US-PATENT-3,420,945
N69-21543* # c 09 ..... NASA-CASE-XGS-04994
US-PATENT-APPL-SN-619907
US-PATENT-CLASS-331-4
US-PATENT-3,421,105
N69-21922* # c 15 ..... NASA-CASE-XHQ-03903
US-PATENT-APPL-SN-560967
US-PATENT-CLASS-23-208
US-PATENT-3,423,179
N69-21923* # c 14 ..... NASA-CASE-XNP-07478
US-PATENT-APPL-SN-605097
US-PATENT-CLASS-175-323
US-PATENT-3,421,591
N69-21924* # c 15 ..... NASA-CASE-XMS-05894-1
US-PATENT-APPL-SN-685766
US-PATENT-CLASS-137-491
US-PATENT-3,421,541
N69-21925* # c 05 ..... NASA-CASE-XMS-02872
US-PATENT-APPL-SN-422864
US-PATENT-CLASS-128-2.06
US-PATENT-3,420,223
N69-21926* # c 09 ..... NASA-CASE-XNP-06032
US-PATENT-APPL-SN-590146
US-PATENT-CLASS-324-158
US-PATENT-3,422,354
N69-21927* # c 09 ..... NASA-CASE-XMS-07846-1
US-PATENT-APPL-SN-694247
US-PATENT-CLASS-339-91
US-PATENT-3,422,390
N69-21928* # c 08 ..... NASA-CASE-XNP-09785
US-PATENT-APPL-SN-599975
US-PATENT-CLASS-340-172.5
US-PATENT-3,422,403
N69-21929* # c 25 ..... NASA-CASE-XNP-07481
US-PATENT-APPL-SN-563650
US-PATENT-CLASS-310-11
US-PATENT-3,422,291
N69-23185* # c 15 ..... NASA-CASE-XNP-05975
US-PATENT-APPL-SN-570097
US-PATENT-CLASS-239-416
US-PATENT-3,421,700
N69-23190* # c 15 ..... NASA-CASE-NPO-10309
US-PATENT-APPL-SN-574282
US-PATENT-APPL-SN-700985
US-PATENT-CLASS-62-6
US-PATENT-3,421,331
N69-23191* # c 14 ..... NASA-CASE-XLE-10529
US-PATENT-APPL-SN-603396
US-PATENT-CLASS-317-234
US-PATENT-3,421,056
N69-23192* # c 05 ..... NASA-CASE-XMS-06761
US-PATENT-APPL-SN-575475
US-PATENT-CLASS-128-283
US-PATENT-3,421,506
N69-24257* # c 14 ..... NASA-CASE-XMS-04917
US-PATENT-APPL-SN-574283
US-PATENT-CLASS-73-198
US-PATENT-3,425,276
N69-24266* # c 15 ..... NASA-CASE-XMS-03700
US-PATENT-APPL-SN-617783
US-PATENT-CLASS-314-129
US-PATENT-3,428,847
N69-24267* # c 03 ..... NASA-CASE-XGS-04531
US-PATENT-APPL-SN-590141
US-PATENT-CLASS-136-89
US-PATENT-3,437,527
N69-24317* # c 09 ..... NASA-CASE-XGS-04999
US-PATENT-APPL-SN-519395
US-PATENT-CLASS-307-268
US-PATENT-3,426,219
N69-24318* # c 09 ..... NASA-CASE-XGS-05003
US-PATENT-APPL-SN-576797
US-PATENT-CLASS-317-235
US-PATENT-3,430,115
N69-24319* # c 15 ..... NASA-CASE-XNP-09227
US-PATENT-APPL-SN-632164
US-PATENT-CLASS-313-44
US-PATENT-3,426,230
N69-24320* # c 15 ..... NASA-CASE-XGS-03864
US-PATENT-APPL-SN-577114
US-PATENT-CLASS-136-133
US-PATENT-3,427,205
N69-24321* # c 11 ..... NASA-CASE-XLA-03271
US-PATENT-APPL-SN-482313
US-PATENT-CLASS-350-310
US-PATENT-3,427,097
N69-24322* # c 15 ..... NASA-CASE-XMS-01108
US-PATENT-APPL-SN-432032
US-PATENT-CLASS-156-242
US-PATENT-3,425,885
N69-24323* # c 07 ..... NASA-CASE-XGS-02816
US-PATENT-APPL-SN-521998
US-PATENT-CLASS-333-73
US-PATENT-3,437,959
N69-24324* # c 09 ..... NASA-CASE-XGS-02171
US-PATENT-APPL-SN-590159
US-PATENT-CLASS-325-446
US-PATENT-3,437,935
N69-24329* # c 09 ..... NASA-CASE-XNP-04183
US-PATENT-APPL-SN-546142
US-PATENT-CLASS-179-100.2
US-PATENT-3,428,761
N69-24330* # c 09 ..... NASA-CASE-XMS-05307
US-PATENT-APPL-SN-516154
US-PATENT-CLASS-330-29
US-PATENT-3,428,910
N69-24331* # c 14 ..... NASA-CASE-XNP-03930
US-PATENT-APPL-SN-526665
US-PATENT-CLASS-250-237
US-PATENT-3,435,246
N69-24332* # c 23 ..... NASA-CASE-XNP-02340
US-PATENT-APPL-SN-439490
US-PATENT-CLASS-350-1
US-PATENT-3,427,089
N69-24333* # c 09 ..... NASA-CASE-XNP-09225
US-PATENT-APPL-SN-640785
US-PATENT-CLASS-340-172.5
US-PATENT-3,431,559
N69-24334* # c 07 ..... NASA-CASE-XGS-01110
US-PATENT-APPL-SN-526664
US-PATENT-CLASS-333-8
US-PATENT-3,428,919
N69-25146* # c 03 ..... NASA-CASE-XGS-04808
US-PATENT-APPL-SN-640781
US-PATENT-CLASS-321-2
US-PATENT-3,437,903
N69-25147* # c 17 ..... NASA-CASE-XLE-10466
US-PATENT-APPL-SN-644448
US-PATENT-CLASS-219-411
US-PATENT-3,427,435
N69-27422* # c 09 ..... NASA-CASE-XLA-04980
US-PATENT-APPL-SN-577548
US-PATENT-CLASS-317-234
US-PATENT-3,432,730
N69-27423* # c 14 ..... NASA-CASE-XAC-02407
US-PATENT-APPL-SN-469013
US-PATENT-CLASS-324-43
US-PATENT-3,437,919
N69-27431* # c 14 ..... NASA-CASE-XMF-01483
US-PATENT-APPL-SN-635325
US-PATENT-CLASS-339-17
US-PATENT-3,430,182

US-PATENT-CLASS-73-401
US-PATENT-3,024,659
N70-34844* c 11 ..... NASA-CASE-XLE-00252
US-PATENT-APPL-SN-144803
US-PATENT-CLASS-73-116
US-PATENT-3,199,343
N70-34850* c 15 ..... NASA-CASE-XLA-00754
US-PATENT-APPL-SN-209479
US-PATENT-CLASS-244-100
US-PATENT-3,143,321
N70-34856* c 02 ..... NASA-CASE-XAC-00139
US-PATENT-APPL-SN-168560
US-PATENT-CLASS-244-51
US-PATENT-3,144,999
N70-34857* c 05 ..... NASA-CASE-XMS-00863
US-PATENT-APPL-SN-221634
US-PATENT-CLASS-9-11
US-PATENT-3,155,992
N70-34858* c 02 ..... NASA-CASE-XLA-00806
US-PATENT-APPL-SN-181828
US-PATENT-APPL-SN-26375
US-PATENT-CLASS-244-46
US-PATENT-3,170,657
N70-34859* c 15 ..... NASA-CASE-XLE-00715
US-PATENT-APPL-SN-212174
US-PATENT-CLASS-251-333
US-PATENT-3,191,907
N70-34860* c 28 ..... NASA-CASE-XLE-00144
US-PATENT-APPL-SN-177684
US-PATENT-CLASS-60-35.6
US-PATENT-3,120,101
N70-34861* c 15 ..... NASA-CASE-XLE-00810
US-PATENT-APPL-SN-249540
US-PATENT-CLASS-188-1
US-PATENT-3,164,222
N70-34946* c 06 ..... NASA-CASE-XNP-00733
US-PATENT-APPL-SN-256484
US-PATENT-CLASS-62-15
US-PATENT-3,192,730
N70-34966* c 31 ..... NASA-CASE-XFR-00929
US-PATENT-APPL-SN-290868
US-PATENT-CLASS-35-12
US-PATENT-3,191,316
N70-34967* c 15 ..... NASA-CASE-XNP-00595
US-PATENT-APPL-SN-188594
US-PATENT-CLASS-204-298
US-PATENT-3,189,535
N70-35087* c 15 ..... NASA-CASE-XGS-00587
US-PATENT-APPL-SN-313135
US-PATENT-CLASS-137-340
US-PATENT-3,211,169
N70-35089* c 21 ..... NASA-CASE-XNP-00438
US-PATENT-APPL-SN-180381
US-PATENT-CLASS-250-203
US-PATENT-3,205,362
N70-35152* c 05 ..... NASA-CASE-XMS-01240
US-PATENT-APPL-SN-331324
US-PATENT-CLASS-297-216
US-PATENT-3,165,356
N70-35219* c 09 ..... NASA-CASE-XNP-00611
US-PATENT-APPL-SN-140443
US-PATENT-CLASS-343-781
US-PATENT-3,209,360
N70-35220* c 14 ..... NASA-CASE-XNP-00449
US-PATENT-APPL-SN-118169
US-PATENT-CLASS-330-49
US-PATENT-3,160,825
N70-35368* c 14 ..... NASA-CASE-XLE-00335
US-PATENT-APPL-SN-197554
US-PATENT-CLASS-73-15.6
US-PATENT-3,176,499
N70-35381* c 28 ..... NASA-CASE-XHQ-01897
US-PATENT-APPL-SN-129579
US-PATENT-CLASS-60-35.6
US-PATENT-3,121,309
N70-35382* c 09 ..... NASA-CASE-XNP-00540
US-PATENT-APPL-SN-140509
US-PATENT-CLASS-343-781
US-PATENT-3,212,096
N70-35383* c 11 ..... NASA-CASE-XMF-00580
US-PATENT-APPL-SN-343425
US-PATENT-CLASS-248-119
US-PATENT-3,194,525
N70-35394* c 14 ..... NASA-CASE-XNP-00708
US-PATENT-APPL-SN-281069
US-PATENT-CLASS-35-45
US-PATENT-3,196,558
N70-35395* c 21 ..... NASA-CASE-XNP-00465
US-PATENT-APPL-SN-180379
US-PATENT-CLASS-244-1
US-PATENT-3,206,141
N70-35407* c 15 ..... NASA-CASE-XLE-00815
US-PATENT-APPL-SN-300712
US-PATENT-CLASS-251-11
US-PATENT-3,211,414
N70-35408* c 03 ..... NASA-CASE-XGS-01593
US-PATENT-APPL-SN-178721
US-PATENT-CLASS-310-5
US-PATENT-3,205,381
N70-35409* c 15 ..... NASA-CASE-XHQ-01208
US-PATENT-APPL-SN-42022
US-PATENT-CLASS-121-38
US-PATENT-3,088,441
N70-35422* # c 28 ..... NASA-CASE-LEW-10814-1
US-PATENT-APPL-SN-38262
N70-35423* c 08 ..... NASA-CASE-XNP-00432
US-PATENT-APPL-SN-127234
US-PATENT-CLASS-340-347
US-PATENT-3,172,097
N70-35425* c 09 ..... NASA-CASE-XNP-00683
US-PATENT-APPL-SN-251451
US-PATENT-CLASS-343-781
US-PATENT-3,209,361
N70-35427* c 21 ..... NASA-CASE-XGS-00809
US-PATENT-APPL-SN-85585
US-PATENT-CLASS-88-1
US-PATENT-3,083,611
N70-35440* c 09 ..... NASA-CASE-XAC-00435
US-PATENT-APPL-SN-164428
US-PATENT-CLASS-330-14
US-PATENT-3,196,362
N70-35534* c 27 ..... NASA-CASE-XGS-03556
US-PATENT-APPL-SN-94259
US-PATENT-CLASS-60-35.6
US-PATENT-3,191,379
N70-35587* # c 14 ..... NASA-CASE-FRC-10053
US-PATENT-APPL-SN-33398
N70-35666* c 14 ..... NASA-CASE-XNP-00646
US-PATENT-APPL-SN-173981
US-PATENT-CLASS-324-33
US-PATENT-3,171,081
N70-35679* # c 15 ..... NASA-CASE-MSC-12279-1
US-PATENT-APPL-SN-24154
N70-36400* c 18 ..... NASA-CASE-XMS-00259
US-PATENT-APPL-SN-145007
US-PATENT-CLASS-117-69
US-PATENT-3,157,529
N70-36409* c 15 ..... NASA-CASE-XLA-00482
US-PATENT-APPL-SN-166970
US-PATENT-CLASS-29-423
US-PATENT-3,160,950
N70-36410* c 31 ..... NASA-CASE-XMF-00641
US-PATENT-APPL-SN-221945
US-PATENT-CLASS-244-1
US-PATENT-3,158,336
N70-36411* c 15 ..... NASA-CASE-XLE-00164
US-PATENT-APPL-SN-107870
US-PATENT-CLASS-60-39.66
US-PATENT-3,162,012
N70-36412* c 15 ..... NASA-CASE-XLE-00170
US-PATENT-APPL-SN-232914
US-PATENT-CLASS-253-66
US-PATENT-3,164,369
N70-36492* c 15 ..... NASA-CASE-XLE-00397
US-PATENT-APPL-SN-195346
US-PATENT-CLASS-137-614
US-PATENT-3,170,486
N70-36493* c 05 ..... NASA-CASE-XMS-00864
US-PATENT-APPL-SN-258932
US-PATENT-CLASS-9-316
US-PATENT-3,152,344
N70-36494* c 09 ..... NASA-CASE-XMF-00369
US-PATENT-APPL-SN-134782
US-PATENT-CLASS-339-176
US-PATENT-3,149,897
N70-36535* c 15 ..... NASA-CASE-XLE-00303
US-PATENT-APPL-SN-182692
US-PATENT-CLASS-60-35.6
US-PATENT-3,170,286
N70-36536* c 32 ..... NASA-CASE-XLA-00204
US-PATENT-APPL-SN-189648
US-PATENT-CLASS-135-1
US-PATENT-3,170,471
N70-36616* c 17 ..... NASA-CASE-XLE-00283
US-PATENT-APPL-SN-107866
US-PATENT-CLASS-75-171
US-PATENT-3,167,426
N70-36617* c 33 ..... NASA-CASE-XLA-01291
US-PATENT-APPL-SN-277961
US-PATENT-CLASS-244-1
US-PATENT-3,176,933
N70-36618* c 14 ..... NASA-CASE-XLE-00143
US-PATENT-APPL-SN-104187
US-PATENT-CLASS-324-61
US-PATENT-3,176,222
N70-36654* c 31 ..... NASA-CASE-XMF-02853
US-PATENT-APPL-SN-360182
US-PATENT-CLASS-244-100
US-PATENT-3,175,789
N70-36778* c 03 ..... NASA-CASE-XLA-00838
US-PATENT-APPL-SN-192016
US-PATENT-CLASS-9-8
US-PATENT-3,150,387
N70-36802* c 28 ..... NASA-CASE-XMF-00923
US-PATENT-APPL-SN-264736
US-PATENT-CLASS-60-35.5
US-PATENT-3,159,967
N70-36803* c 03 ..... NASA-CASE-XNP-00644
US-PATENT-APPL-SN-212496
US-PATENT-CLASS-310-11
US-PATENT-3,158,764
N70-36804* c 02 ..... NASA-CASE-XLA-00898
US-PATENT-APPL-SN-227683
US-PATENT-CLASS-244-152
US-PATENT-3,170,660
N70-36805* c 26 ..... NASA-CASE-XLA-00158
US-PATENT-APPL-SN-221637
US-PATENT-CLASS-23-208
US-PATENT-3,174,827
N70-36806* c 28 ..... NASA-CASE-XLE-00145
US-PATENT-APPL-SN-173081
US-PATENT-CLASS-60-35.6
US-PATENT-3,174,279
N70-36807* c 14 ..... NASA-CASE-XLA-00100
US-PATENT-APPL-SN-534901
US-PATENT-CLASS-73-178
US-PATENT-3,168,827
N70-36824* c 14 ..... NASA-CASE-XLA-00481
US-PATENT-APPL-SN-120797
US-PATENT-CLASS-73-212
US-PATENT-3,170,324
N70-36825* c 02 ..... NASA-CASE-XLA-01583
US-PATENT-APPL-SN-327565
US-PATENT-CLASS-244-103
US-PATENT-3,169,001
N70-36845* c 31 ..... NASA-CASE-XMF-02108
US-PATENT-APPL-SN-372727
US-PATENT-CLASS-244-100
US-PATENT-3,181,821
N70-36846* c 33 ..... NASA-CASE-XLA-00189
US-PATENT-APPL-SN-223003
US-PATENT-CLASS-102-49
US-PATENT-3,180,264
N70-36847* c 33 ..... NASA-CASE-XNP-00463
US-PATENT-APPL-SN-259487
US-PATENT-CLASS-165-96
US-PATENT-3,177,933
N70-36901* c 15 ..... NASA-CASE-XFR-00811
US-PATENT-APPL-SN-257346
US-PATENT-CLASS-29-234
US-PATENT-3,166,834
N70-36907* c 14 ..... NASA-CASE-XNP-00614
US-PATENT-APPL-SN-247419
US-PATENT-CLASS-33-1
US-PATENT-3,163,935
N70-36908* c 15 ..... NASA-CASE-XNP-00214
US-PATENT-APPL-SN-180377
US-PATENT-CLASS-137-625.69
US-PATENT-3,140,728
N70-36910* c 28 ..... NASA-CASE-XNP-00610
US-PATENT-APPL-SN-211464
US-PATENT-CLASS-60-35.6
US-PATENT-3,170,290
N70-36911* c 07 ..... NASA-CASE-XNP-00748
US-PATENT-APPL-SN-184649
US-PATENT-CLASS-343-17.2
US-PATENT-3,183,506
N70-36913* c 11 ..... NASA-CASE-XMF-00411
US-PATENT-APPL-SN-158914
US-PATENT-CLASS-73-147
US-PATENT-3,182,496
N70-36938* c 21 ..... NASA-CASE-XNP-00294
US-PATENT-APPL-SN-182696
US-PATENT-CLASS-60-35.5
US-PATENT-3,178,883
N70-36943* c 21 ..... NASA-CASE-XLA-00281
US-PATENT-APPL-SN-84962
US-PATENT-CLASS-244-1
US-PATENT-3,180,587
N70-36946* c 25 ..... NASA-CASE-XLA-01354
US-PATENT-APPL-SN-253774
US-PATENT-CLASS-60-35.5
US-PATENT-3,174,278
N70-36947* c 15 ..... NASA-CASE-XNP-00416
US-PATENT-APPL-SN-180395
US-PATENT-CLASS-189-36
US-PATENT-3,169,613
N70-37245* c 28 ..... NASA-CASE-XLE-00376
US-PATENT-APPL-SN-139007
US-PATENT-CLASS-60-35.5
US-PATENT-3,156,090
N70-37924* c 31 ..... NASA-CASE-XGS-00260
US-PATENT-APPL-SN-187446
US-PATENT-CLASS-244-1
US-PATENT-3,090,580
N70-37925* c 15 ..... NASA-CASE-XLA-00128
US-PATENT-APPL-SN-32496
US-PATENT-CLASS-73-384

US-PATENT-3,218,479
N70-40273* c 14 ..... NASA-CASE-XNP-00637
US-PATENT-APPL-SN-280776
US-PATENT-CLASS-95-58
US-PATENT-3,217,624
N70-40309* c 30 ..... NASA-CASE-XLA-00210
US-PATENT-APPL-SN-82658
US-PATENT-CLASS-343-18
US-PATENT-3,220,004
N70-40353* c 30 ..... NASA-CASE-XMF-03198
US-PATENT-APPL-SN-370134
US-PATENT-CLASS-89-1.7
US-PATENT-3,224,336
N70-40354* c 15 ..... NASA-CASE-XMF-01045
US-PATENT-APPL-SN-355130
US-PATENT-CLASS-188-1
US-PATENT-3,228,492
N70-40367* c 28 ..... NASA-CASE-XLE-00177
US-PATENT-APPL-SN-10812
US-PATENT-CLASS-60-35.3
US-PATENT-3,045,424
N70-40400* c 14 ..... NASA-CASE-XAC-00648
US-PATENT-APPL-SN-216939
US-PATENT-CLASS-73-147
US-PATENT-3,218,850
N70-41275* c 28 ..... NASA-CASE-XNP-01390
US-PATENT-APPL-SN-424157
US-PATENT-CLASS-60-259
US-PATENT-3,300,981
N70-41297* c 05 ..... NASA-CASE-XMS-01492
US-PATENT-APPL-SN-398131
US-PATENT-CLASS-55-35
US-PATENT-3,300,949
N70-41310* c 15 ..... NASA-CASE-XNP-01567
US-PATENT-APPL-SN-448898
US-PATENT-CLASS-248-178
US-PATENT-3,295,808
N70-41311* c 28 ..... NASA-CASE-XNP-00876
US-PATENT-APPL-SN-377784
US-PATENT-CLASS-60-251
US-PATENT-3,298,182
N70-41329* c 05 ..... NASA-CASE-XMS-01615
US-PATENT-APPL-SN-329595
US-PATENT-CLASS-128-2.05
US-PATENT-3,298,362
N70-41330* c 14 ..... NASA-CASE-XLE-00688
US-PATENT-APPL-SN-334672
US-PATENT-CLASS-73-32
US-PATENT-3,298,221
N70-41331* c 07 ..... NASA-CASE-XLA-01400
US-PATENT-APPL-SN-363653
US-PATENT-CLASS-325-65
US-PATENT-3,296,531
N70-41332* c 14 ..... NASA-CASE-XLA-00495
US-PATENT-APPL-SN-269215
US-PATENT-CLASS-324-70
US-PATENT-3,296,526
N70-41366* c 14 ..... NASA-CASE-XLA-01353
US-PATENT-APPL-SN-403960
US-PATENT-CLASS-73-147
US-PATENT-3,301,046
N70-41367* c 32 ..... NASA-CASE-XGS-00938
US-PATENT-APPL-SN-392970
US-PATENT-CLASS-214-1
US-PATENT-3,295,699
N70-41370* c 32 ..... NASA-CASE-XNP-01962
US-PATENT-APPL-SN-369640
US-PATENT-CLASS-92-94
US-PATENT-3,298,285
N70-41371* c 15 ..... NASA-CASE-XMF-01452
US-PATENT-APPL-SN-356692
US-PATENT-CLASS-29-271
US-PATENT-3,300,847
N70-41372* c 07 ..... NASA-CASE-XLA-01127
US-PATENT-APPL-SN-363654
US-PATENT-CLASS-325-65
US-PATENT-3,300,731
N70-41373* c 31 ..... NASA-CASE-XMS-01906
US-PATENT-APPL-SN-339040
US-PATENT-CLASS-244-1
US-PATENT-3,300,162
N70-41447* c 28 ..... NASA-CASE-XNP-00732
US-PATENT-APPL-SN-261918
US-PATENT-CLASS-210-314
US-PATENT-3,295,684
N70-41576* c 28 ..... NASA-CASE-XLE-00519
US-PATENT-APPL-SN-249542
US-PATENT-CLASS-313-63
US-PATENT-3,287,582
N70-41578* c 16 ..... NASA-CASE-XGS-01504
US-PATENT-APPL-SN-340113
US-PATENT-CLASS-331-94
US-PATENT-3,287,660
N70-41579* c 32 ..... NASA-CASE-XLE-00620
US-PATENT-APPL-SN-304698
US-PATENT-CLASS-138-119
US-PATENT-3,295,556
N70-41580* c 03 ..... NASA-CASE-XLA-04622
US-PATENT-APPL-SN-277833
US-PATENT-CLASS-126-270
US-PATENT-3,295,512
N70-41581* c 05 ..... NASA-CASE-XAC-01404
US-PATENT-APPL-SN-363348
US-PATENT-CLASS-74-471
US-PATENT-3,295,386
N70-41582* c 28 ..... NASA-CASE-XMF-01813
US-PATENT-APPL-SN-375674
US-PATENT-CLASS-181-52
US-PATENT-3,270,835
N70-41583* c 18 ..... NASA-CASE-XMF-01030
US-PATENT-APPL-SN-317389
US-PATENT-CLASS-161-115
US-PATENT-3,296,060
N70-41588* c 31 ..... NASA-CASE-XMF-01973
US-PATENT-APPL-SN-375682
US-PATENT-CLASS-244-1
US-PATENT-3,295,790
N70-41589* c 02 ..... NASA-CASE-XMF-01174
US-PATENT-APPL-SN-410331
US-PATENT-CLASS-244-100
US-PATENT-3,295,798
N70-41628* c 25 ..... NASA-CASE-XAC-00319
US-PATENT-APPL-SN-77251
US-PATENT-CLASS-315-111
US-PATENT-3,229,155
N70-41629* c 15 ..... NASA-CASE-XGS-02441
US-PATENT-APPL-SN-411944
US-PATENT-CLASS-285-331
US-PATENT-3,301,578
N70-41630* c 02 ..... NASA-CASE-XMS-00907
US-PATENT-APPL-SN-428890
US-PATENT-CLASS-244-138
US-PATENT-3,301,511
N70-41631* c 31 ..... NASA-CASE-XMS-04142
US-PATENT-APPL-SN-422865
US-PATENT-CLASS-244-1
US-PATENT-3,301,507
N70-41646* c 15 ..... NASA-CASE-XLE-01449
US-PATENT-APPL-SN-330209
US-PATENT-CLASS-137-197
US-PATENT-3,295,545
N70-41647* c 14 ..... NASA-CASE-XGS-00769
US-PATENT-APPL-SN-319893
US-PATENT-CLASS-242-55.19
US-PATENT-3,295,782
N70-41655* c 09 ..... NASA-CASE-XMF-00906
US-PATENT-APPL-SN-264731
US-PATENT-CLASS-324-113
US-PATENT-3,287,640
N70-41675* c 09 ..... NASA-CASE-XMS-01315
US-PATENT-APPL-SN-347101
US-PATENT-CLASS-307-88.5
US-PATENT-3,302,040
N70-41676* c 14 ..... NASA-CASE-XGS-01231
US-PATENT-APPL-SN-346356
US-PATENT-CLASS-250-71
US-PATENT-3,302,023
N70-41677* c 11 ..... NASA-CASE-XMF-01772
US-PATENT-APPL-SN-370135
US-PATENT-CLASS-73-116
US-PATENT-3,295,366
N70-41678* c 07 ..... NASA-CASE-XGS-02608
US-PATENT-APPL-SN-456578
US-PATENT-CLASS-343-18
US-PATENT-3,289,205
N70-41679* c 15 ..... NASA-CASE-XLA-01441
US-PATENT-APPL-SN-516151
US-PATENT-CLASS-102-49
US-PATENT-3,302,569
N70-41680* c 07 ..... NASA-CASE-XNP-02723
US-PATENT-APPL-SN-371857
US-PATENT-CLASS-343-14
US-PATENT-3,287,725
N70-41681* c 14 ..... NASA-CASE-XAC-02877
US-PATENT-APPL-SN-449902
US-PATENT-CLASS-73-30
US-PATENT-3,295,360
N70-41682* c 14 ..... NASA-CASE-XMS-05936
US-PATENT-APPL-SN-557868
US-PATENT-CLASS-73-517
US-PATENT-3,295,377
N70-41717* c 09 ..... NASA-CASE-XMS-02087
US-PATENT-APPL-SN-439489
US-PATENT-CLASS-165-1
US-PATENT-3,301,315
N70-41807* c 14 ..... NASA-CASE-XNP-01472
US-PATENT-APPL-SN-321656
US-PATENT-CLASS-178-7.2
US-PATENT-3,287,496
N70-41808* c 15 ..... NASA-CASE-XMS-02532
US-PATENT-APPL-SN-398132
US-PATENT-CLASS-285-27
US-PATENT-3,287,031
N70-41811* c 15 ..... NASA-CASE-XNP-01152
US-PATENT-APPL-SN-369337
US-PATENT-CLASS-137-539
US-PATENT-3,302,662
N70-41812* c 14 ..... NASA-CASE-XMS-03792
US-PATENT-APPL-SN-516159
US-PATENT-CLASS-200-61.45
US-PATENT-3,303,304
N70-41818* c 28 ..... NASA-CASE-XLE-00150
US-PATENT-APPL-SN-843032
US-PATENT-CLASS-29-157.3
US-PATENT-3,035,333
N70-41819* c 05 ..... NASA-CASE-XAC-00405
US-PATENT-APPL-SN-158916
US-PATENT-CLASS-128-1
US-PATENT-3,302,633
N70-41829* c 15 ..... NASA-CASE-XMF-01371
US-PATENT-APPL-SN-353634
US-PATENT-CLASS-287-119
US-PATENT-3,302,960
N70-41855* c 31 ..... NASA-CASE-XNP-02982
US-PATENT-APPL-SN-388966
US-PATENT-CLASS-244-1
US-PATENT-3,304,028
N70-41856* c 21 ..... NASA-CASE-XNP-01307
US-PATENT-APPL-SN-390250
US-PATENT-CLASS-244-1
US-PATENT-3,286,953
N70-41863* c 02 ..... NASA-CASE-XLA-01220
US-PATENT-APPL-SN-379417
US-PATENT-CLASS-244-16
US-PATENT-3,286,957
N70-41864* c 03 ..... NASA-CASE-XGS-01419
US-PATENT-APPL-SN-323182
US-PATENT-CLASS-136-179
US-PATENT-3,287,174
N70-41871* c 31 ..... NASA-CASE-XMS-04390
US-PATENT-APPL-SN-502729
US-PATENT-CLASS-62-45
US-PATENT-3,304,729
N70-41897* c 27 ..... NASA-CASE-XNP-01749
US-PATENT-APPL-SN-440033
US-PATENT-CLASS-149-109
US-PATENT-3,305,415
N70-41922* c 28 ..... NASA-CASE-XNP-02839
US-PATENT-APPL-SN-477333
US-PATENT-CLASS-60-202
US-PATENT-3,304,718
N70-41929* c 09 ..... NASA-CASE-XNP-01951
US-PATENT-APPL-SN-413662
US-PATENT-CLASS-335-300
US-PATENT-3,305,810
N70-41930* c 21 ..... NASA-CASE-XNP-01501
US-PATENT-APPL-SN-432027
US-PATENT-CLASS-343-12
US-PATENT-3,305,861
N70-41946* c 14 ..... NASA-CASE-XLE-00011
US-PATENT-APPL-SN-735911
US-PATENT-CLASS-88-14
US-PATENT-2,960,002
N70-41948* c 31 ..... NASA-CASE-XMF-01899
US-PATENT-APPL-SN-428882
US-PATENT-CLASS-60-257
US-PATENT-3,304,724
N70-41954* c 03 ..... NASA-CASE-XAC-03392
US-PATENT-APPL-SN-430776
US-PATENT-CLASS-74-519
US-PATENT-3,304,799
N70-41955* c 14 ..... NASA-CASE-XNP-02029
US-PATENT-APPL-SN-221276
US-PATENT-CLASS-88-14
US-PATENT-3,323,408
N70-41957* c 14 ..... NASA-CASE-XAC-01101
US-PATENT-APPL-SN-355129
US-PATENT-CLASS-73-141
US-PATENT-3,304,773
N70-41960* c 15 ..... NASA-CASE-XNP-05082
US-PATENT-APPL-SN-521753
US-PATENT-CLASS-174-68.5
US-PATENT-3,321,570
N70-41961* c 08 ..... NASA-CASE-XNP-00911
US-PATENT-APPL-SN-280777
US-PATENT-CLASS-178-67
US-PATENT-3,305,636
N70-41964* c 10 ..... NASA-CASE-XGS-01983
US-PATENT-APPL-SN-388023
US-PATENT-CLASS-333-79
US-PATENT-3,305,801
N70-41967* c 28 ..... NASA-CASE-XLA-02651
US-PATENT-APPL-SN-449901
US-PATENT-CLASS-102-49
US-PATENT-3,304,865
N70-41991* c 10 ..... NASA-CASE-XNP-03128
US-PATENT-APPL-SN-397665
US-PATENT-CLASS-250-83.6

N71-11195* c 05 ..... NASA-CASE-LAR-10007-1
US-PATENT-APPL-SN-770203
US-PATENT-CLASS-2-2.1
US-PATENT-3,534,406

N71-11199* c 05 ..... NASA-CASE-XKS-02342
US-PATENT-APPL-SN-407603
US-PATENT-CLASS-182-191
US-PATENT-3,262,518

N71-11202* c 05 ..... NASA-CASE-XFR-08403
US-PATENT-APPL-SN-704420
US-PATENT-CLASS-73-23
US-PATENT-3,507,146

N71-11203* c 05 ..... NASA-CASE-XMS-09632-1
US-PATENT-APPL-SN-791693
US-PATENT-CLASS-128-142.5
US-PATENT-3,500,827

N71-11207* c 05 ..... NASA-CASE-XLA-03213
US-PATENT-APPL-SN-621715
US-PATENT-CLASS-202-182
US-PATENT-3,444,051

N71-11235* c 06 ..... NASA-CASE-XLA-03104
US-PATENT-APPL-SN-510155
US-PATENT-CLASS-260-78
US-PATENT-3,518,232

N71-11236* c 06 ..... NASA-CASE-XMF-08651
US-PATENT-APPL-SN-593594
US-PATENT-CLASS-260-72.5
US-PATENT-3,526,611

N71-11237* c 06 ..... NASA-CASE-XMF-10753
US-PATENT-APPL-SN-668751
US-PATENT-CLASS-260-46.5
US-PATENT-3,444,127

N71-11238* c 06 ..... NASA-CASE-XLA-08802
US-PATENT-APPL-SN-640454
US-PATENT-CLASS-260-78
US-PATENT-3,532,673

N71-11239* c 06 ..... NASA-CASE-XMF-08655
US-PATENT-APPL-SN-593593
US-PATENT-CLASS-260-72.5
US-PATENT-3,516,970

N71-11240* c 06 ..... NASA-CASE-MFS-13994-1
US-PATENT-APPL-SN-715975
US-PATENT-CLASS-260-46.5
US-PATENT-3,516,964

N71-11242* c 06 ..... NASA-CASE-XMF-08656
US-PATENT-APPL-SN-593605
US-PATENT-CLASS-260-2.5
US-PATENT-3,493,524

N71-11243* c 06 ..... NASA-CASE-XMF-08652
US-PATENT-APPL-SN-593606
US-PATENT-CLASS-260-2
US-PATENT-3,493,522

N71-11266* c 07 ..... NASA-CASE-XLA-03076
US-PATENT-APPL-SN-591004
US-PATENT-CLASS-325-42
US-PATENT-3,508,152

N71-11267* c 07 ..... NASA-CASE-XNP-10843
US-PATENT-APPL-SN-649358
US-PATENT-CLASS-325-363
US-PATENT-3,508,156

N71-11281* c 07 ..... NASA-CASE-XNP-10830
US-PATENT-APPL-SN-692332
US-PATENT-CLASS-178-69.5
US-PATENT-3,535,451

N71-11282* c 07 ..... NASA-CASE-XGS-02889
US-PATENT-APPL-SN-685748
US-PATENT-CLASS-329-104
US-PATENT-3,501,704

N71-11284* c 07 ..... NASA-CASE-XLA-01552
US-PATENT-APPL-SN-332339
US-PATENT-CLASS-325-65
US-PATENT-3,277,375

N71-11285* c 07 ..... NASA-CASE-NPO-10539
US-PATENT-APPL-SN-743429
US-PATENT-CLASS-343-779
US-PATENT-3,534,375

N71-11298* c 07 ..... NASA-CASE-XMF-01160
US-PATENT-APPL-SN-310507
US-PATENT-CLASS-340-198
US-PATENT-3,243,791

N71-11300* c 07 ..... NASA-CASE-XMS-07168
US-PATENT-APPL-SN-769788
US-PATENT-CLASS-178-6.6
US-PATENT-3,493,677

N71-11766* c 21 ..... NASA-CASE-LAR-10403
US-PATENT-APPL-SN-676391
US-PATENT-CLASS-343-6.5
US-PATENT-3,447,154

N71-12217*# c 01 ..... NASA-CASE-FRC-10063
US-PATENT-APPL-SN-21263

N71-12243* c 02 ..... NASA-CASE-XLA-04451
US-PATENT-APPL-SN-457876
US-PATENT-CLASS-244-45
US-PATENT-3,310,262

N71-12255* c 03 ..... NASA-CASE-NPO-10404
US-PATENT-APPL-SN-728234
US-PATENT-CLASS-321-2
US-PATENT-3,532,960

N71-12258* c 03 ..... NASA-CASE-XLA-00711
US-PATENT-APPL-SN-357334
US-PATENT-CLASS-89-1.7
US-PATENT-3,249,012

N71-12259* c 03 ..... NASA-CASE-XLA-01396
US-PATENT-APPL-SN-357336
US-PATENT-CLASS-89-1.7
US-PATENT-3,249,013

N71-12260* c 03 ..... NASA-CASE-XNP-01020
US-PATENT-APPL-SN-430780
US-PATENT-CLASS-60-97
US-PATENT-3,238,730

N71-12335* c 05 ..... NASA-CASE-XMS-00784
US-PATENT-APPL-SN-358127
US-PATENT-CLASS-2-2.1
US-PATENT-3,286,274

N71-12336* c 05 ..... NASA-CASE-XMS-05304
US-PATENT-APPL-SN-511567
US-PATENT-CLASS-244-4
US-PATENT-3,270,986

N71-12341* c 05 ..... NASA-CASE-MFS-14671
US-PATENT-APPL-SN-723476
US-PATENT-CLASS-297-385
US-PATENT-3,516,711

N71-12342* c 05 ..... NASA-CASE-XAC-05706
US-PATENT-APPL-SN-592694
US-PATENT-CLASS-325-143
US-PATENT-3,453,546

N71-12343* c 05 ..... NASA-CASE-MSC-11253
US-PATENT-APPL-SN-695973
US-PATENT-CLASS-297-68
US-PATENT-3,466,085

N71-12344* c 05 ..... NASA-CASE-XMS-09636
US-PATENT-APPL-SN-586330
US-PATENT-CLASS-2-2.1
US-PATENT-3,492,672

N71-12345* c 05 ..... NASA-CASE-MSC-12086-1
US-PATENT-APPL-SN-812999
US-PATENT-CLASS-29-400
US-PATENT-3,490,130

N71-12346* c 05 ..... NASA-CASE-XMS-04212-1
US-PATENT-APPL-SN-607461
US-PATENT-CLASS-128-2.1
US-PATENT-3,490,440

N71-12351* c 05 ..... NASA-CASE-LAR-10056
US-PATENT-APPL-SN-674357
US-PATENT-CLASS-224-25
US-PATENT-3,493,153

N71-12389* c 07 ..... NASA-CASE-XLA-01090
US-PATENT-APPL-SN-741824
US-PATENT-CLASS-250-199
US-PATENT-RE-26,548

N71-12390* c 07 ..... NASA-CASE-XER-09213
US-PATENT-APPL-SN-668302
US-PATENT-CLASS-332-9
US-PATENT-3,535,657

N71-12391* c 07 ..... NASA-CASE-XMS-05454-1
US-PATENT-APPL-SN-771803
US-PATENT-CLASS-343-17.7
US-PATENT-3,471,858

N71-12392* c 07 ..... NASA-CASE-XGS-01590
US-PATENT-APPL-SN-584067
US-PATENT-CLASS-178-88
US-PATENT-3,491,202

N71-12396* c 07 ..... NASA-CASE-GSC-10452
US-PATENT-APPL-SN-797794
US-PATENT-CLASS-343-776
US-PATENT-3,495,262

N71-12494* c 08 ..... NASA-CASE-XGS-04767
US-PATENT-APPL-SN-645584
US-PATENT-CLASS-307-296
US-PATENT-3,535,560

N71-12500* c 08 ..... NASA-CASE-XNP-07040
US-PATENT-APPL-SN-649357
US-PATENT-CLASS-332-31
US-PATENT-3,535,658

N71-12501* c 08 ..... NASA-CASE-XLA-00670
US-PATENT-APPL-SN-235162
US-PATENT-CLASS-340-347
US-PATENT-3,251,053

N71-12502* c 08 ..... NASA-CASE-NPO-10112
US-PATENT-APPL-SN-673226
US-PATENT-CLASS-340-172.5
US-PATENT-3,533,074

N71-12503* c 08 ..... NASA-CASE-NPO-10351
US-PATENT-APPL-SN-712065
US-PATENT-CLASS-328-37
US-PATENT-3,535,642

N71-12504* c 08 ..... NASA-CASE-XMF-05835
US-PATENT-APPL-SN-627257
US-PATENT-CLASS-340-174
US-PATENT-3,493,942

N71-12505* c 08 ..... NASA-CASE-XNP-05415
US-PATENT-APPL-SN-578932
US-PATENT-CLASS-340-146.2
US-PATENT-3,493,929

N71-12506* c 08 ..... NASA-CASE-XNP-08832
US-PATENT-APPL-SN-681692
US-PATENT-CLASS-340-172.5
US-PATENT-3,535,696

N71-12507* c 08 ..... NASA-CASE-XLA-01952
US-PATENT-APPL-SN-676386
US-PATENT-CLASS-340-324
US-PATENT-3,537,096

N71-12513* c 09 ..... NASA-CASE-XGS-07801
US-PATENT-APPL-SN-640452
US-PATENT-CLASS-148-188
US-PATENT-3,490,965

N71-12514* c 09 ..... NASA-CASE-XLA-07497
US-PATENT-APPL-SN-631848
US-PATENT-CLASS-307-252
US-PATENT-3,491,255

N71-12515* c 09 ..... NASA-CASE-XNP-08836
US-PATENT-APPL-SN-668968
US-PATENT-CLASS-340-174
US-PATENT-3,535,702

N71-12516* c 09 ..... NASA-CASE-XNP-09768
US-PATENT-APPL-SN-698629
US-PATENT-CLASS-307-243
US-PATENT-3,535,554

N71-12517* c 09 ..... NASA-CASE-XAC-10608-1
US-PATENT-APPL-SN-710561
US-PATENT-CLASS-333-80
US-PATENT-3,493,901

N71-12518* c 09 ..... NASA-CASE-XNP-09808
US-PATENT-APPL-SN-692471
US-PATENT-CLASS-200-61.42
US-PATENT-3,488,461

N71-12519* c 09 ..... NASA-CASE-XMF-06519
US-PATENT-APPL-SN-656952
US-PATENT-CLASS-328-110
US-PATENT-3,535,644

N71-12520* c 09 ..... NASA-CASE-NPO-10230
US-PATENT-APPL-SN-691735
US-PATENT-CLASS-307-229
US-PATENT-3,535,547

N71-12521* c 09 ..... NASA-CASE-ARC-10030
US-PATENT-APPL-SN-679885
US-PATENT-CLASS-313-110
US-PATENT-3,493,805

N71-12526* c 09 ..... NASA-CASE-MSC-12135-1
US-PATENT-APPL-SN-761404
US-PATENT-CLASS-317-31
US-PATENT-3,448,341

N71-12539* c 09 ..... NASA-CASE-ERC-10552
US-PATENT-APPL-SN-720125
US-PATENT-CLASS-178-7.7
US-PATENT-3,535,446

N71-12540* c 09 ..... NASA-CASE-XNP-01058
US-PATENT-APPL-SN-313136
US-PATENT-CLASS-315-160
US-PATENT-3,271,620

N71-12554* c 10 ..... NASA-CASE-NPO-10348
US-PATENT-APPL-SN-704668
US-PATENT-CLASS-324-95
US-PATENT-3,532,979

N71-13410* c 01 ..... NASA-CASE-XLA-00755
US-PATENT-APPL-SN-247423
US-PATENT-CLASS-244-35
US-PATENT-3,270,988

N71-13411* c 01 ..... NASA-CASE-XLA-05828
US-PATENT-APPL-SN-509460
US-PATENT-CLASS-235-61.6
US-PATENT-3,500,020

N71-13421* c 02 ..... NASA-CASE-XFR-00756
US-PATENT-APPL-SN-212173
US-PATENT-CLASS-235-150.22
US-PATENT-3,258,582

N71-13422* c 02 ..... NASA-CASE-XLA-06339
US-PATENT-APPL-SN-801336
US-PATENT-CLASS-244-76
US-PATENT-3,534,930

N71-13461* c 06 ..... NASA-CASE-LAR-10180-1
US-PATENT-APPL-SN-709398
US-PATENT-CLASS-250-41.9
US-PATENT-3,521,054

N71-13486* c 09 ..... NASA-CASE-MFS-20333
US-PATENT-APPL-SN-820965
US-PATENT-CLASS-307-149
US-PATENT-3,535,543

N71-13518* c 09 ..... NASA-CASE-MSC-12178-1
US-PATENT-APPL-SN-845365
US-PATENT-CLASS-315-241
US-PATENT-3,530,336

N71-13521* c 09 ..... NASA-CASE-XKS-09348
US-PATENT-APPL-SN-677505
US-PATENT-CLASS-343-703
US-PATENT-3,526,897

N71-13522* c 09 ..... NASA-CASE-LEW-10364-1
US-PATENT-APPL-SN-822518

US-PATENT-APPL-SN-434143
US-PATENT-CLASS-219-131
US-PATENT-3,271,558

N71-15906* c 15 ..... NASA-CASE-XNP-00920
US-PATENT-APPL-SN-329331
US-PATENT-CLASS-62-2
US-PATENT-3,270,512

N71-15907* c 07 ..... NASA-CASE-XNP-01057
US-PATENT-APPL-SN-301683
US-PATENT-CLASS-343-786
US-PATENT-3,305,870

N71-15908* c 08 ..... NASA-CASE-XLA-02705
US-PATENT-APPL-SN-473537
US-PATENT-CLASS-129-16.7
US-PATENT-3,310,054

N71-15909* c 10 ..... NASA-CASE-XAC-03777
US-PATENT-APPL-SN-484489
US-PATENT-CLASS-200-6
US-PATENT-3,283,088

N71-15910* c 10 ..... NASA-CASE-XGS-00823
US-PATENT-APPL-SN-336607
US-PATENT-CLASS-307-88.5
US-PATENT-3,283,175

N71-15918* c 15 ..... NASA-CASE-XMS-02383
US-PATENT-APPL-SN-299042
US-PATENT-CLASS-140-123
US-PATENT-3,299,913

N71-15922* c 15 ..... NASA-CASE-XGS-01971
US-PATENT-APPL-SN-353645
US-PATENT-CLASS-85-33
US-PATENT-3,262,351

N71-15925* c 11 ..... NASA-CASE-XLA-00378
US-PATENT-APPL-SN-266107
US-PATENT-CLASS-219-10.49
US-PATENT-3,238,345

N71-15926* c 11 ..... NASA-CASE-XLA-00939
US-PATENT-APPL-SN-309354
US-PATENT-CLASS-73-147
US-PATENT-3,276,251

N71-15960* c 11 ..... NASA-CASE-XAC-00731
US-PATENT-APPL-SN-232318
US-PATENT-CLASS-220-69
US-PATENT-3,145,874

N71-15962* c 14 ..... NASA-CASE-XGS-01567
US-PATENT-APPL-SN-298799
US-PATENT-CLASS-324-43
US-PATENT-3,258,687

N71-15966* c 15 ..... NASA-CASE-XLE-00953
US-PATENT-APPL-SN-336320
US-PATENT-CLASS-22-200
US-PATENT-3,237,253

N71-15967* c 15 ..... NASA-CASE-XLE-00703
US-PATENT-APPL-SN-271822
US-PATENT-CLASS-137-13
US-PATENT-3,270,756

N71-15968* c 15 ..... NASA-CASE-XLE-00586
US-PATENT-APPL-SN-317391
US-PATENT-CLASS-55-160
US-PATENT-3,257,780

N71-15969* c 14 ..... NASA-CASE-XMF-01099
US-PATENT-APPL-SN-73367
US-PATENT-CLASS-73-517
US-PATENT-3,261,210

N71-15974* c 32 ..... NASA-CASE-XMS-06782
US-PATENT-APPL-SN-691739
US-PATENT-CLASS-338-5
US-PATENT-3,464,049

N71-15978* c 23 ..... NASA-CASE-XGS-00373
US-PATENT-APPL-SN-105518
US-PATENT-CLASS-161-189
US-PATENT-3,276,946

N71-15986* c 15 ..... NASA-CASE-XMF-03498
US-PATENT-APPL-SN-396443
US-PATENT-CLASS-29-155.55
US-PATENT-3,258,831

N71-15990* c 30 ..... NASA-CASE-XAC-08494
US-PATENT-APPL-SN-690998
US-PATENT-CLASS-356-74
US-PATENT-3,532,428

N71-15992* c 14 ..... NASA-CASE-XGS-01052
US-PATENT-APPL-SN-314572
US-PATENT-CLASS-73-15
US-PATENT-3,242,716

N71-16014* c 14 ..... NASA-CASE-XLE-00820
US-PATENT-APPL-SN-228569
US-PATENT-CLASS-324-32
US-PATENT-3,283,241

N71-16025* c 17 ..... NASA-CASE-XLE-02991
US-PATENT-APPL-SN-375401
US-PATENT-CLASS-75-170
US-PATENT-3,276,865

N71-16026* c 17 ..... NASA-CASE-XLE-02082
US-PATENT-APPL-SN-360180
US-PATENT-CLASS-75-171
US-PATENT-3,276,866

N71-16028* c 11 ..... NASA-CASE-XLA-01787
US-PATENT-APPL-SN-304749
US-PATENT-CLASS-35-29
US-PATENT-3,270,441

N71-16030* c 10 ..... NASA-CASE-XMF-01096
US-PATENT-APPL-SN-307270
US-PATENT-CLASS-318-376
US-PATENT-3,271,649

N71-16031* c 12 ..... NASA-CASE-XMS-01445
US-PATENT-APPL-SN-385526
US-PATENT-CLASS-137-615
US-PATENT-3,308,848

N71-16037* c 26 ..... NASA-CASE-XGS-05718
US-PATENT-APPL-SN-584071
US-PATENT-CLASS-29-472.9
US-PATENT-3,452,423

N71-16042* c 10 ..... NASA-CASE-XAC-00942
US-PATENT-APPL-SN-310506
US-PATENT-CLASS-307-88.5
US-PATENT-3,277,314

N71-16044* c 17 ..... NASA-CASE-XGS-06306
US-PATENT-APPL-SN-685473
US-PATENT-CLASS-156-3
US-PATENT-3,532,568

N71-16046* c 18 ..... NASA-CASE-GSC-10007
US-PATENT-APPL-SN-627599
US-PATENT-CLASS-117-201
US-PATENT-3,532,538

N71-16052* c 15 ..... NASA-CASE-XLE-02999
US-PATENT-APPL-SN-431235
US-PATENT-CLASS-29-148.4
US-PATENT-3,262,186

N71-16057* c 10 ..... NASA-CASE-XNP-01193
US-PATENT-APPL-SN-366226
US-PATENT-CLASS-324-57
US-PATENT-3,277,366

N71-16058* c 10 ..... NASA-CASE-XMF-01097
US-PATENT-APPL-SN-290873
US-PATENT-CLASS-340-227
US-PATENT-3,277,458

N71-16073* c 25 ..... NASA-CASE-XAC-05695
US-PATENT-APPL-SN-634038
US-PATENT-CLASS-324-34
US-PATENT-3,517,302

N71-16075* c 15 ..... NASA-CASE-XLA-00284
US-PATENT-APPL-SN-240760
US-PATENT-CLASS-117-69
US-PATENT-3,264,135

N71-16076* c 15 ..... NASA-CASE-XLE-00106
US-PATENT-APPL-SN-629759
US-PATENT-CLASS-25-156
US-PATENT-2,944,316

N71-16077* c 15 ..... NASA-CASE-XLA-00302
US-PATENT-APPL-SN-284266
US-PATENT-CLASS-117-46
US-PATENT-3,271,181

N71-16078* c 15 ..... NASA-CASE-XGS-00824
US-PATENT-APPL-SN-379072
US-PATENT-CLASS-89-1
US-PATENT-3,309,961

N71-16079* c 15 ..... NASA-CASE-XLA-00415
US-PATENT-APPL-SN-314074
US-PATENT-CLASS-233-11
US-PATENT-3,276,679

N71-16080* c 31 ..... NASA-CASE-MSC-12049
US-PATENT-APPL-SN-693420
US-PATENT-CLASS-52-3
US-PATENT-3,465,482

N71-16081* c 31 ..... NASA-CASE-XGS-03351
US-PATENT-APPL-SN-472747
US-PATENT-CLASS-244-31
US-PATENT-3,276,726

N71-16085* c 31 ..... NASA-CASE-XLA-09881
US-PATENT-APPL-SN-710562
US-PATENT-CLASS-244-138
US-PATENT-3,520,503

N71-16086* c 09 ..... NASA-CASE-XLE-02038
US-PATENT-APPL-SN-349782
US-PATENT-CLASS-73-147
US-PATENT-3,273,388

N71-16087* c 02 ..... NASA-CASE-XAC-02058
US-PATENT-APPL-SN-342572
US-PATENT-CLASS-244-1
US-PATENT-3,276,722

N71-16088* c 07 ..... NASA-CASE-XGS-01022
US-PATENT-APPL-SN-331323
US-PATENT-CLASS-325-4
US-PATENT-3,277,373

N71-16089* c 09 ..... NASA-CASE-XAC-02405
US-PATENT-APPL-SN-433821
US-PATENT-CLASS-200-6
US-PATENT-3,271,532

N71-16090* c 30 ..... NASA-CASE-GSC-10083-1
US-PATENT-APPL-SN-641431
US-PATENT-CLASS-343-6
US-PATENT-3,471,856

N71-16095* c 24 ..... NASA-CASE-XAC-05506-1
US-PATENT-APPL-SN-701732
US-PATENT-CLASS-250-41.9
US-PATENT-3,532,880

N71-16098* c 23 ..... NASA-CASE-XAC-03107
US-PATENT-APPL-SN-538168
US-PATENT-CLASS-73-505
US-PATENT-3,455,171

N71-16099* c 23 ..... NASA-CASE-XGS-07514
US-PATENT-APPL-SN-640453
US-PATENT-CLASS-328-1
US-PATENT-3,509,469

N71-16100* c 23 ..... NASA-CASE-XGS-05715
US-PATENT-APPL-SN-668257
US-PATENT-CLASS-250-233
US-PATENT-3,532,894

N71-16101* c 23 ..... NASA-CASE-XNP-08883
US-PATENT-APPL-SN-617021
US-PATENT-CLASS-356-117
US-PATENT-3,520,617

N71-16102* c 31 ..... NASA-CASE-XGS-09190
US-PATENT-APPL-SN-647298
US-PATENT-CLASS-343-915
US-PATENT-3,521,290

N71-16103* c 32 ..... NASA-CASE-LAR-10317-1
US-PATENT-APPL-SN-739927
US-PATENT-CLASS-137-582
US-PATENT-3,508,578

N71-16104* c 33 ..... NASA-CASE-XLE-00785
US-PATENT-APPL-SN-666554
US-PATENT-CLASS-60-108
US-PATENT-3,508,402

N71-16105* c 18 ..... NASA-CASE-XLE-08511-2
US-PATENT-APPL-SN-711921
US-PATENT-CLASS-117-119
US-PATENT-3,508,955

N71-16106* c 32 ..... NASA-CASE-XLA-04605
US-PATENT-APPL-SN-619519
US-PATENT-CLASS-137-582
US-PATENT-3,443,584

N71-16124* c 18 ..... NASA-CASE-XMF-05279
US-PATENT-APPL-SN-617774
US-PATENT-CLASS-106-88
US-PATENT-3,508,940

N71-16210* c 18 ..... NASA-CASE-XNP-08837
US-PATENT-APPL-SN-691736
US-PATENT-CLASS-204-20
US-PATENT-3,526,580

N71-16212* c 23 ..... NASA-CASE-NPO-10250
US-PATENT-APPL-SN-736848
US-PATENT-CLASS-149-1
US-PATENT-3,516,879

N71-16213* c 24 ..... NASA-CASE-XGS-06628
US-PATENT-APPL-SN-665680
US-PATENT-CLASS-315-111
US-PATENT-3,509,419

N71-16221* c 31 ..... NASA-CASE-XLA-05906
US-PATENT-APPL-SN-777766
US-PATENT-CLASS-73-432
US-PATENT-3,526,139

N71-16222* c 31 ..... NASA-CASE-MFS-11133
US-PATENT-APPL-SN-693419
US-PATENT-CLASS-244-1
US-PATENT-3,508,723

N71-16223* c 27 ..... NASA-CASE-MFS-12750
US-PATENT-APPL-SN-806149
US-PATENT-CLASS-73-432
US-PATENT-3,526,140

N71-16224* c 28 ..... NASA-CASE-MFS-11497
US-PATENT-APPL-SN-730733
US-PATENT-CLASS-239-265.43
US-PATENT-3,526,365

N71-16277* c 33 ..... NASA-CASE-XMS-04268
US-PATENT-APPL-SN-516160
US-PATENT-CLASS-165-133
US-PATENT-3,502,141

N71-16278* c 33 ..... NASA-CASE-XMF-04237
US-PATENT-APPL-SN-539237
US-PATENT-CLASS-219-364
US-PATENT-3,517,162

N71-16281* c 20 ..... NASA-CASE-XLA-02081
US-PATENT-APPL-SN-522795
US-PATENT-CLASS-73-189
US-PATENT-3,507,150

N71-16340* c 20 ..... NASA-CASE-XMF-14032
US-PATENT-APPL-SN-679862
US-PATENT-CLASS-250-209
US-PATENT-3,501,641

N71-16341* c 23 ..... NASA-CASE-XGS-05291
US-PATENT-APPL-SN-553891
US-PATENT-CLASS-356-209
US-PATENT-3,504,983

N71-16345* c 31 ..... NASA-CASE-XMF-05344
US-PATENT-APPL-SN-702396
US-PATENT-CLASS-244-1
US-PATENT-3,520,496

N71-16346* c 31 ..... NASA-CASE-XMS-03613

US-PATENT-3,364,631
N71-21060* c 15 ..... NASA-CASE-XLA-03660
US-PATENT-APPL-SN-482307
US-PATENT-CLASS-95-53
US-PATENT-3,361,045
N71-21064* c 31 ..... NASA-CASE-XGS-02554
US-PATENT-APPL-SN-504266
US-PATENT-CLASS-244-1
US-PATENT-3,350,034
N71-21068* c 18 ..... NASA-CASE-XNP-02888
US-PATENT-APPL-SN-409126
US-PATENT-CLASS-239-265.11
US-PATENT-3,347,465
N71-21072* c 14 ..... NASA-CASE-XAC-02981
US-PATENT-APPL-SN-464879
US-PATENT-CLASS-73-398
US-PATENT-3,352,157
N71-21076* c 15 ..... NASA-CASE-XMS-03745
US-PATENT-APPL-SN-534295
US-PATENT-CLASS-24-263
US-PATENT-3,346,929
N71-21078* c 15 ..... NASA-CASE-XNP-03459
US-PATENT-APPL-SN-457879
US-PATENT-CLASS-29-495
US-PATENT-3,357,093
N71-21079* c 14 ..... NASA-CASE-XLA-03102
US-PATENT-APPL-SN-576195
US-PATENT-CLASS-33-31
US-PATENT-3,364,578
N71-21082* c 14 ..... NASA-CASE-XGS-02629
US-PATENT-APPL-SN-500435
US-PATENT-CLASS-244-1
US-PATENT-3,350,033
N71-21088* c 14 ..... NASA-CASE-XNP-06957
US-PATENT-APPL-SN-406097
US-PATENT-CLASS-250-83.3
US-PATENT-3,348,048
N71-21089* c 12 ..... NASA-CASE-XMS-01905
US-PATENT-APPL-SN-280580
US-PATENT-CLASS-141-91
US-PATENT-3,331,404
N71-21090* c 14 ..... NASA-CASE-XLE-00787
US-PATENT-APPL-SN-330210
US-PATENT-CLASS-324-33
US-PATENT-3,346,806
N71-21091* c 14 ..... NASA-CASE-XNP-02983
US-PATENT-APPL-SN-407599
US-PATENT-CLASS-73-88.5
US-PATENT-3,350,926
N71-21177* c 15 ..... NASA-CASE-XAC-06956
US-PATENT-APPL-SN-538166
US-PATENT-CLASS-259-71
US-PATENT-3,347,531
N71-21179* c 15 ..... NASA-CASE-XLA-01401
US-PATENT-APPL-SN-382976
US-PATENT-CLASS-235-61.6
US-PATENT-3,346,724
N71-21234* c 15 ..... NASA-CASE-XKS-02582
US-PATENT-APPL-SN-424153
US-PATENT-CLASS-251-172
US-PATENT-3,327,991
N71-21311* c 15 ..... NASA-CASE-XNP-03637
US-PATENT-APPL-SN-453232
US-PATENT-CLASS-310-9.1
US-PATENT-3,359,435
N71-21403* c 15 ..... NASA-CASE-XMF-03988
US-PATENT-APPL-SN-578923
US-PATENT-CLASS-252-26
US-PATENT-3,361,666
N71-21404* c 15 ..... NASA-CASE-XLA-01262
US-PATENT-APPL-SN-386800
US-PATENT-CLASS-156-3
US-PATENT-3,356,549
N71-21449* c 09 ..... NASA-CASE-XMS-01991
US-PATENT-APPL-SN-410326
US-PATENT-CLASS-323-22
US-PATENT-3,344,340
N71-21473* c 10 ..... NASA-CASE-XGS-08679
US-PATENT-APPL-SN-312443
US-PATENT-CLASS-343-113
US-PATENT-3,340,532
N71-21474* c 11 ..... NASA-CASE-XMS-04798
US-PATENT-APPL-SN-480210
US-PATENT-CLASS-35-12
US-PATENT-3,330,052
N71-21475* c 11 ..... NASA-CASE-XLA-05378
US-PATENT-APPL-SN-484156
US-PATENT-CLASS-73-343
US-PATENT-3,331,246
N71-21476* c 07 ..... NASA-CASE-XNP-00746
US-PATENT-APPL-SN-271824
US-PATENT-CLASS-235-181
US-PATENT-3,359,409
N71-21481* c 11 ..... NASA-CASE-XLA-01326
US-PATENT-APPL-SN-422097
US-PATENT-CLASS-73-147
US-PATENT-3,345,866
N71-21483* c 10 ..... NASA-CASE-XGS-01155
US-PATENT-APPL-SN-557871
US-PATENT-CLASS-343-16
US-PATENT-3,344,425
N71-21489* c 15 ..... NASA-CASE-XNP-06914
US-PATENT-APPL-SN-590147
US-PATENT-CLASS-85-33
US-PATENT-3,352,192
N71-21493* c 28 ..... NASA-CASE-XLA-10450
US-PATENT-APPL-SN-594587
US-PATENT-CLASS-239-265.19
US-PATENT-3,347,466
N71-21507* c 33 ..... NASA-CASE-XLE-04603
US-PATENT-APPL-SN-638194
US-PATENT-CLASS-60-243
US-PATENT-3,347,046
N71-21528* c 15 ..... NASA-CASE-XLA-01446
US-PATENT-APPL-SN-400613
US-PATENT-CLASS-53-102
US-PATENT-3,336,725
N71-21529* c 15 ..... NASA-CASE-XGS-02422
US-PATENT-APPL-SN-493943
US-PATENT-CLASS-74-126
US-PATENT-3,331,255
N71-21530* c 15 ..... NASA-CASE-XMS-03722
US-PATENT-APPL-SN-487934
US-PATENT-CLASS-267-64
US-PATENT-3,330,549
N71-21531* c 15 ..... NASA-CASE-XNP-02341
US-PATENT-APPL-SN-432025
US-PATENT-CLASS-52-127
US-PATENT-3,330,082
N71-21536* c 15 ..... NASA-CASE-XMS-06876
US-PATENT-APPL-SN-605100
US-PATENT-CLASS-72-34
US-PATENT-3,345,840
N71-21583* c 09 ..... NASA-CASE-XLE-02008
US-PATENT-APPL-SN-487342
US-PATENT-CLASS-338-64
US-PATENT-3,329,918
N71-21586* c 33 ..... NASA-CASE-XLA-01794
US-PATENT-APPL-SN-464880
US-PATENT-CLASS-73-86
US-PATENT-3,357,237
N71-21651* c 18 ..... NASA-CASE-XMF-01402
US-PATENT-APPL-SN-328140
US-PATENT-CLASS-161-68
US-PATENT-3,346,442
N71-21688* c 21 ..... NASA-CASE-XMF-00684
US-PATENT-APPL-SN-260087
US-PATENT-CLASS-235-150.25
US-PATENT-3,331,951
N71-21693* c 25 ..... NASA-CASE-XLA-03103
US-PATENT-APPL-SN-531642
US-PATENT-CLASS-315-111
US-PATENT-3,333,152
N71-21694* c 25 ..... NASA-CASE-XLE-02902
US-PATENT-APPL-SN-485957
US-PATENT-CLASS-60-202
US-PATENT-3,336,748
N71-21708* c 21 ..... NASA-CASE-XLA-02551
US-PATENT-APPL-SN-416940
US-PATENT-CLASS-244-1
US-PATENT-3,329,375
N71-21744* c 15 ..... NASA-CASE-XGS-04227
US-PATENT-APPL-SN-545805
US-PATENT-CLASS-74-409
US-PATENT-3,359,819
N71-21819* c 27 ..... NASA-CASE-XLE-03494
US-PATENT-APPL-SN-529593
US-PATENT-CLASS-60-251
US-PATENT-3,345,822
N71-21821* c 23 ..... NASA-CASE-XNP-01059
US-PATENT-APPL-SN-393464
US-PATENT-CLASS-250-232
US-PATENT-3,354,320
N71-21822* c 28 ..... NASA-CASE-XNP-04124
US-PATENT-APPL-SN-498168
US-PATENT-CLASS-60-202
US-PATENT-3,345,820
N71-21824* c 26 ..... NASA-CASE-XNP-05429
US-PATENT-APPL-SN-578928
US-PATENT-CLASS-103-1
US-PATENT-3,361,067
N71-21881* c 31 ..... NASA-CASE-XNP-02595
US-PATENT-APPL-SN-502709
US-PATENT-CLASS-244-1
US-PATENT-3,333,788
N71-21882* c 23 ..... NASA-CASE-XNP-03853
US-PATENT-APPL-SN-578931
US-PATENT-CLASS-88-24
US-PATENT-3,359,855
N71-22705* c 15 ..... NASA-CASE-XGS-02884
US-PATENT-APPL-SN-432433
US-PATENT-CLASS-51-57
US-PATENT-3,341,977
N71-22706* c 15 ..... NASA-CASE-XMS-09310
US-PATENT-APPL-SN-655724
US-PATENT-CLASS-137-496
US-PATENT-3,384,111
N71-22707* c 08 ..... NASA-CASE-XNP-04067
US-PATENT-APPL-SN-466875
US-PATENT-CLASS-340-172.5
US-PATENT-3,369,222
N71-22710* c 08 ..... NASA-CASE-XNP-02778
US-PATENT-APPL-SN-508170
US-PATENT-CLASS-340-172.5
US-PATENT-3,369,223
N71-22713* c 15 ..... NASA-CASE-XLA-03492
US-PATENT-APPL-SN-395348
US-PATENT-CLASS-156-60
US-PATENT-3,342,653
N71-22721* c 15 ..... NASA-CASE-XMF-03212
US-PATENT-APPL-SN-577549
US-PATENT-CLASS-55-418
US-PATENT-3,385,036
N71-22722* c 15 ..... NASA-CASE-XMS-04292
US-PATENT-APPL-SN-517157
US-PATENT-CLASS-82-14
US-PATENT-3,373,640
N71-22723* c 15 ..... NASA-CASE-XMF-01083
US-PATENT-APPL-SN-432028
US-PATENT-CLASS-72-83
US-PATENT-3,340,713
N71-22748* c 05 ..... NASA-CASE-XMS-04170
US-PATENT-APPL-SN-482311
US-PATENT-CLASS-9-312
US-PATENT-3,343,189
N71-22749* c 08 ..... NASA-CASE-XNP-02748
US-PATENT-APPL-SN-420245
US-PATENT-CLASS-340-146.1
US-PATENT-3,373,404
N71-22750* c 07 ..... NASA-CASE-XNP-01735
US-PATENT-APPL-SN-408438
US-PATENT-CLASS-343-786
US-PATENT-3,373,431
N71-22752* c 14 ..... NASA-CASE-XMF-01974
US-PATENT-APPL-SN-568354
US-PATENT-CLASS-73-419
US-PATENT-3,383,922
N71-22765* c 14 ..... NASA-CASE-XLA-00934
US-PATENT-APPL-SN-326298
US-PATENT-CLASS-73-84
US-PATENT-3,339,404
N71-22792* c 33 ..... NASA-CASE-XLA-01243
US-PATENT-APPL-SN-538911
US-PATENT-CLASS-244-1
US-PATENT-3,384,324
N71-22796* c 09 ..... NASA-CASE-XKS-03381
US-PATENT-APPL-SN-437611
US-PATENT-CLASS-317-9
US-PATENT-3,340,430
N71-22797* c 15 ..... NASA-CASE-XLE-01092
US-PATENT-APPL-SN-422098
US-PATENT-CLASS-72-253
US-PATENT-3,342,055
N71-22798* c 15 ..... NASA-CASE-XMS-04178
US-PATENT-APPL-SN-511299
US-PATENT-CLASS-83-467
US-PATENT-3,367,224
N71-22799* c 15 ..... NASA-CASE-XMF-03511
US-PATENT-APPL-SN-540414
US-PATENT-CLASS-90-12
US-PATENT-3,386,337
N71-22874* c 15 ..... NASA-CASE-XLA-00188
US-PATENT-APPL-SN-254847
US-PATENT-CLASS-102-49.5
US-PATENT-3,368,486
N71-22875* c 11 ..... NASA-CASE-XAC-05333
US-PATENT-APPL-SN-546148
US-PATENT-CLASS-119-15
US-PATENT-3,367,308
N71-22877* c 15 ..... NASA-CASE-XMF-10040
US-PATENT-APPL-SN-592680
US-PATENT-CLASS-188-1
US-PATENT-3,381,778
N71-22878* c 15 ..... NASA-CASE-XMS-04545
US-PATENT-APPL-SN-508601
US-PATENT-CLASS-73-144
US-PATENT-3,381,527
N71-22880* c 21 ..... NASA-CASE-XLA-00793
US-PATENT-APPL-SN-369334
US-PATENT-CLASS-88-1
US-PATENT-3,381,569
N71-22881* c 23 ..... NASA-CASE-XLE-04222
US-PATENT-APPL-SN-512559
US-PATENT-CLASS-220-9
US-PATENT-3,379,330
N71-22888* c 09 ..... NASA-CASE-XLA-03114
US-PATENT-APPL-SN-440039
US-PATENT-CLASS-343-708

US-PATENT-3,373,430
N71-22890* c 33 ..... NASA-CASE-XLA-07728
US-PATENT-APPL-SN-538908
US-PATENT-CLASS-165-96
US-PATENT-3,374,830
N71-22894* c 18 ..... NASA-CASE-XLE-03925
US-PATENT-APPL-SN-514407
US-PATENT-CLASS-75-204
US-PATENT-3,337,337
N71-22895* c 16 ..... NASA-CASE-XMS-04269
US-PATENT-APPL-SN-516793
US-PATENT-CLASS-250-199
US-PATENT-3,341,708
N71-22896* c 05 ..... NASA-CASE-XMS-02399
US-PATENT-APPL-SN-492344
US-PATENT-CLASS-128-2.06
US-PATENT-3,384,075
N71-22897* c 08 ..... NASA-CASE-XNP-01753
US-PATENT-APPL-SN-423412
US-PATENT-CLASS-235-92
US-PATENT-3,374,339
N71-22961* c 10 ..... NASA-CASE-XMS-02159
US-PATENT-APPL-SN-534564
US-PATENT-CLASS-323-56
US-PATENT-3,365,657
N71-22962* c 10 ..... NASA-CASE-XGS-05441
US-PATENT-APPL-SN-505321
US-PATENT-CLASS-328-233
US-PATENT-3,366,886
N71-22964* c 14 ..... NASA-CASE-XLE-02024
US-PATENT-APPL-SN-422099
US-PATENT-CLASS-73-15
US-PATENT-3,365,930
N71-22965* c 14 ..... NASA-CASE-XGS-02319
US-PATENT-APPL-SN-496205
US-PATENT-CLASS-73-117
US-PATENT-3,365,941
N71-22968* c 31 ..... NASA-CASE-XLA-02050
US-PATENT-APPL-SN-568067
US-PATENT-CLASS-244-1
US-PATENT-3,386,685
N71-22969* c 31 ..... NASA-CASE-XLA-03132
US-PATENT-APPL-SN-610728
US-PATENT-CLASS-244-1
US-PATENT-3,386,686
N71-22974* c 03 ..... NASA-CASE-XGS-02630
US-PATENT-APPL-SN-494287
US-PATENT-CLASS-136-132
US-PATENT-3,382,107
N71-22975* c 06 ..... NASA-CASE-XNP-07659
US-PATENT-APPL-SN-567806
US-PATENT-CLASS-18-26
US-PATENT-3,381,339
N71-22982* c 15 ..... NASA-CASE-XLA-02809
US-PATENT-APPL-SN-554897
US-PATENT-CLASS-308-176
US-PATENT-3,397,932
N71-22983* c 28 ..... NASA-CASE-XMF-06926
US-PATENT-APPL-SN-537615
US-PATENT-CLASS-60-258
US-PATENT-3,336,754
N71-22984* c 07 ..... NASA-CASE-XMS-04312
US-PATENT-APPL-SN-521754
US-PATENT-CLASS-343-708
US-PATENT-3,384,895
N71-22985* c 09 ..... NASA-CASE-XMF-03934
US-PATENT-APPL-SN-530958
US-PATENT-CLASS-250-83.3
US-PATENT-3,379,885
N71-22986* c 10 ..... NASA-CASE-XMF-01892
US-PATENT-APPL-SN-464878
US-PATENT-CLASS-328-167
US-PATENT-3,375,451
N71-22987* c 09 ..... NASA-CASE-XLE-04788
US-PATENT-APPL-SN-537617
US-PATENT-CLASS-313-352
US-PATENT-3,396,303
N71-22988* c 09 ..... NASA-CASE-XGS-03304
US-PATENT-APPL-SN-483886
US-PATENT-CLASS-73-1
US-PATENT-3,381,517
N71-22989* c 14 ..... NASA-CASE-XLA-01551
US-PATENT-APPL-SN-422092
US-PATENT-CLASS-73-190
US-PATENT-3,382,714
N71-22990* c 14 ..... NASA-CASE-XMS-04201
US-PATENT-APPL-SN-507254
US-PATENT-CLASS-324-70
US-PATENT-3,379,974
N71-22991* c 14 ..... NASA-CASE-XLA-01791
US-PATENT-APPL-SN-462763
US-PATENT-CLASS-250-227
US-PATENT-3,397,318
N71-22992* c 14 ..... NASA-CASE-XGS-01023
US-PATENT-APPL-SN-446131
US-PATENT-CLASS-73-65
US-PATENT-3,377,845
N71-22993* c 14 ..... NASA-CASE-XMS-05365
US-PATENT-APPL-SN-515484
US-PATENT-CLASS-310-8.5
US-PATENT-3,387,149
N71-22994* c 15 ..... NASA-CASE-XFR-05421
US-PATENT-APPL-SN-567686
US-PATENT-CLASS-24-126
US-PATENT-3,378,892
N71-22995* c 14 ..... NASA-CASE-XNP-08680
US-PATENT-APPL-SN-562444
US-PATENT-CLASS-73-9
US-PATENT-3,376,730
N71-22996* c 14 ..... NASA-CASE-XGS-01331
US-PATENT-APPL-SN-445807
US-PATENT-CLASS-250-218
US-PATENT-3,388,258
N71-22997* c 15 ..... NASA-CASE-XNP-01641
US-PATENT-APPL-SN-464885
US-PATENT-CLASS-308-10
US-PATENT-3,378,315
N71-22998* c 18 ..... NASA-CASE-XGS-02435
US-PATENT-APPL-SN-392965
US-PATENT-CLASS-106-40
US-PATENT-3,382,082
N71-22999* c 09 ..... NASA-CASE-XLA-00781
US-PATENT-APPL-SN-307271
US-PATENT-CLASS-88-14
US-PATENT-3,364,813
N71-23001* c 07 ..... NASA-CASE-XGS-01812
US-PATENT-APPL-SN-392973
US-PATENT-CLASS-340-174.1
US-PATENT-3,380,042
N71-23006* c 03 ..... NASA-CASE-XGS-02631
US-PATENT-APPL-SN-425972
US-PATENT-CLASS-136-133
US-PATENT-3,340,099
N71-23007* c 02 ..... NASA-CASE-XMF-04163
US-PATENT-APPL-SN-424156
US-PATENT-CLASS-73-189
US-PATENT-3,340,732
N71-23008* c 31 ..... NASA-CASE-XLA-04804
US-PATENT-APPL-SN-577546
US-PATENT-CLASS-102-49.5
US-PATENT-3,384,016
N71-23009* c 31 ..... NASA-CASE-XGS-02607
US-PATENT-APPL-SN-474531
US-PATENT-CLASS-244-1
US-PATENT-3,341,151
N71-23015* c 09 ..... NASA-CASE-XGS-02751
US-PATENT-APPL-SN-491059
US-PATENT-CLASS-307-288
US-PATENT-3,374,366
N71-23021* c 09 ..... NASA-CASE-XAC-02807
US-PATENT-APPL-SN-456581
US-PATENT-CLASS-324-120
US-PATENT-3,384,820
N71-23022* c 15 ..... NASA-CASE-XMS-01625
US-PATENT-APPL-SN-418933
US-PATENT-CLASS-136-86
US-PATENT-3,389,017
N71-23023* c 15 ..... NASA-CASE-XMF-04042
US-PATENT-APPL-SN-605518
US-PATENT-CLASS-55-204
US-PATENT-3,397,512
N71-23024* c 15 ..... NASA-CASE-XNP-01747
US-PATENT-APPL-SN-413661
US-PATENT-CLASS-251-148
US-PATENT-3,341,169
N71-23025* c 15 ..... NASA-CASE-XNP-08877
US-PATENT-APPL-SN-574282
US-PATENT-CLASS-62-6
US-PATENT-3,367,121
N71-23026* c 07 ..... NASA-CASE-XNP-02791
US-PATENT-APPL-SN-390251
US-PATENT-CLASS-178-6
US-PATENT-3,383,461
N71-23027* c 09 ..... NASA-CASE-XNP-01960
US-PATENT-APPL-SN-438135
US-PATENT-CLASS-29-572
US-PATENT-3,340,599
N71-23029* c 10 ..... NASA-CASE-XGS-03427
US-PATENT-APPL-SN-500446
US-PATENT-CLASS-307-265
US-PATENT-3,383,524
N71-23030* c 11 ..... NASA-CASE-XNP-03578
US-PATENT-APPL-SN-445292
US-PATENT-CLASS-73-147
US-PATENT-3,342,066
N71-23033* c 10 ..... NASA-CASE-XNP-01318
US-PATENT-APPL-SN-380965
US-PATENT-CLASS-340-174
US-PATENT-3,388,387
N71-23036* c 14 ..... NASA-CASE-XNP-01660
US-PATENT-APPL-SN-578916
US-PATENT-CLASS-73-4
US-PATENT-3,383,903
N71-23037* c 14 ..... NASA-CASE-XAC-01662
US-PATENT-APPL-SN-385520
US-PATENT-CLASS-324-117
US-PATENT-3,365,665
N71-23039* c 14 ..... NASA-CASE-XNP-01659
US-PATENT-APPL-SN-410332
US-PATENT-CLASS-136-230
US-PATENT-3,377,208
N71-23040* c 14 ..... NASA-CASE-XNP-05535
US-PATENT-APPL-SN-487939
US-PATENT-CLASS-244-1
US-PATENT-3,339,863
N71-23041* c 14 ..... NASA-CASE-XNP-01056
US-PATENT-APPL-SN-377146
US-PATENT-CLASS-250-41.9
US-PATENT-3,340,395
N71-23042* c 11 ..... NASA-CASE-XMS-02930
US-PATENT-APPL-SN-417253
US-PATENT-CLASS-250-52
US-PATENT-3,340,397
N71-23043* c 26 ..... NASA-CASE-XNP-01959
US-PATENT-APPL-SN-410330
US-PATENT-CLASS-136-89
US-PATENT-3,396,057
N71-23046* c 17 ..... NASA-CASE-XNP-04338
US-PATENT-APPL-SN-461765
US-PATENT-CLASS-29-182.2
US-PATENT-3,421,864
N71-23047* c 18 ..... NASA-CASE-XLA-01995
US-PATENT-APPL-SN-411945
US-PATENT-CLASS-148-6.16
US-PATENT-3,395,053
N71-23048* c 15 ..... NASA-CASE-XNP-03972
US-PATENT-APPL-SN-502710
US-PATENT-CLASS-184-1
US-PATENT-3,367,445
N71-23049* c 15 ..... NASA-CASE-XMF-01049
US-PATENT-APPL-SN-506137
US-PATENT-CLASS-339-5
US-PATENT-3,375,479
N71-23050* c 15 ..... NASA-CASE-XMF-01730
US-PATENT-APPL-SN-517869
US-PATENT-CLASS-228-8
US-PATENT-3,373,914
N71-23051* c 15 ..... NASA-CASE-XAC-01158
US-PATENT-APPL-SN-420250
US-PATENT-CLASS-137-625.5
US-PATENT-3,369,564
N71-23052* c 15 ..... NASA-CASE-XLA-03497
US-PATENT-APPL-SN-392992
US-PATENT-CLASS-156-285
US-PATENT-3,373,069
N71-23080* c 05 ..... NASA-CASE-XLE-02531
US-PATENT-APPL-SN-425096
US-PATENT-CLASS-312-1
US-PATENT-3,337,279
N71-23081* c 28 ..... NASA-CASE-XNP-02923
US-PATENT-APPL-SN-494280
US-PATENT-CLASS-60-202
US-PATENT-3,367,114
N71-23084* c 10 ..... NASA-CASE-XLA-01219
US-PATENT-APPL-SN-402978
US-PATENT-CLASS-332-1
US-PATENT-3,366,894
N71-23085* c 33 ..... NASA-CASE-XFR-03802
US-PATENT-APPL-SN-460877
US-PATENT-CLASS-73-190
US-PATENT-3,367,182
N71-23086* c 15 ..... NASA-CASE-XMS-04533
US-PATENT-APPL-SN-557016
US-PATENT-CLASS-202-234
US-PATENT-3,397,117
N71-23087* c 14 ..... NASA-CASE-XNP-03918
US-PATENT-APPL-SN-510475
US-PATENT-CLASS-73-88.5
US-PATENT-3,388,590
N71-23088* c 18 ..... NASA-CASE-XNP-00597
US-PATENT-APPL-SN-410325
US-PATENT-CLASS-65-7
US-PATENT-3,337,315
N71-23092* c 14 ..... NASA-CASE-XLA-01530
US-PATENT-APPL-SN-420466
US-PATENT-CLASS-188-1
US-PATENT-3,337,004
N71-23093* c 14 ..... NASA-CASE-XLE-03280
US-PATENT-APPL-SN-517156
US-PATENT-CLASS-73-400
US-PATENT-3,379,064
N71-23096* c 05 ..... NASA-CASE-XMS-06064
US-PATENT-APPL-SN-563646
US-PATENT-CLASS-2-14
US-PATENT-3,378,851
N71-23097* c 09 ..... NASA-CASE-XNP-02140
US-PATENT-APPL-SN-440036
US-PATENT-CLASS-330-61

US-PATENT-APPL-SN-704465
US-PATENT-CLASS-235-152
US-PATENT-3,541,314

N71-24742* c 07 ..... NASA-CASE-NPO-10140
US-PATENT-APPL-SN-691737
US-PATENT-CLASS-187-7.1
US-PATENT-3,541,250

N71-24750* c 31 ..... NASA-CASE-XGS-01654
US-PATENT-APPL-SN-434148
US-PATENT-CLASS-102-50
US-PATENT-3,282,541

N71-24798* c 10 ..... NASA-CASE-XLE-03061-1
US-PATENT-APPL-SN-632152
US-PATENT-CLASS-340-412
US-PATENT-3,546,694

N71-24799* c 10 ..... NASA-CASE-XNP-06505
US-PATENT-APPL-SN-562933
US-PATENT-CLASS-307-254
US-PATENT-3,501,648

N71-24800* c 09 ..... NASA-CASE-ERC-10075
US-PATENT-APPL-SN-775870
US-PATENT-CLASS-321-45
US-PATENT-3,539,905

N71-24803* c 09 ..... NASA-CASE-NPO-10242
US-PATENT-APPL-SN-749181
US-PATENT-CLASS-307-88
US-PATENT-3,541,346

N71-24804* c 09 ..... NASA-CASE-GSC-10299-1
US-PATENT-APPL-SN-836367
US-PATENT-CLASS-343-100
US-PATENT-3,540,050

N71-24805* c 09 ..... NASA-CASE-XMF-06892
US-PATENT-APPL-SN-757875
US-PATENT-CLASS-318-318
US-PATENT-3,546,553

N71-24806* c 09 ..... NASA-CASE-NPO-10198
US-PATENT-APPL-SN-723804
US-PATENT-CLASS-328-165
US-PATENT-3,550,023

N71-24807* c 09 ..... NASA-CASE-MFS-14114-2
US-PATENT-APPL-SN-854815
US-PATENT-CLASS-165-105
US-PATENT-CLASS-165-107
US-PATENT-CLASS-165-138
US-PATENT-CLASS-310-4
US-PATENT-3,537,515

N71-24808* c 09 ..... NASA-CASE-XNP-08880
US-PATENT-APPL-SN-605094
US-PATENT-CLASS-333-98
US-PATENT-3,416,106

N71-24809* c 14 ..... NASA-CASE-XNP-08961
US-PATENT-APPL-SN-661170
US-PATENT-CLASS-250-84
US-PATENT-3,487,216

N71-24813* c 31 ..... NASA-CASE-XAC-06029-1
US-PATENT-APPL-SN-588651
US-PATENT-CLASS-343-100
US-PATENT-3,540,048

N71-24828* c 16 ..... NASA-CASE-XAC-10770-1
US-PATENT-APPL-SN-690997
US-PATENT-CLASS-356-28
US-PATENT-3,547,540

N71-24830* c 17 ..... NASA-CASE-XNP-04148
US-PATENT-APPL-SN-536210
US-PATENT-CLASS-204-38
US-PATENT-3,472,742

N71-24831* c 16 ..... NASA-CASE-NPO-10548
US-PATENT-APPL-SN-775072
US-PATENT-CLASS-330-4
US-PATENT-3,486,123

N71-24832* c 16 ..... NASA-CASE-ERC-10178
US-PATENT-APPL-SN-800973
US-PATENT-CLASS-331-94.5
US-PATENT-3,550,034

N71-24833* c 15 ..... NASA-CASE-XMF-03793
US-PATENT-APPL-SN-453225
US-PATENT-CLASS-72-56
US-PATENT-3,360,972

N71-24834* c 15 ..... NASA-CASE-XNP-05634
US-PATENT-APPL-SN-605096
US-PATENT-CLASS-73-95
US-PATENT-3,460,379

N71-24835* c 15 ..... NASA-CASE-NPO-10123
US-PATENT-APPL-SN-731388
US-PATENT-CLASS-128-272
US-PATENT-CLASS-128-275
US-PATENT-3,540,449

N71-24836* c 15 ..... NASA-CASE-XLE-08917-2
US-PATENT-APPL-SN-852131
US-PATENT-CLASS-72-60
US-PATENT-3,541,825

N71-24840* c 07 ..... NASA-CASE-NPO-10649
US-PATENT-APPL-SN-795182
US-PATENT-CLASS-325-113
US-PATENT-3,541,450

N71-24841* c 09 ..... NASA-CASE-XNP-09771
US-PATENT-APPL-SN-698630
US-PATENT-CLASS-333-83
US-PATENT-3,541,479

N71-24842* c 09 ..... NASA-CASE-MSC-12209
US-PATENT-APPL-SN-881039
US-PATENT-CLASS-343-797
US-PATENT-3,546,705

N71-24843* c 09 ..... NASA-CASE-XMF-06617
US-PATENT-APPL-SN-656993
US-PATENT-CLASS-324-71
US-PATENT-3,541,439

N71-24844* c 10 ..... NASA-CASE-NPO-10169
US-PATENT-APPL-SN-701733
US-PATENT-CLASS-328-171
US-PATENT-3,541,459

N71-24857* c 23 ..... NASA-CASE-XMS-06056-1
US-PATENT-APPL-SN-532006
US-PATENT-CLASS-350-189
US-PATENT-3,472,577

N71-24858* c 33 ..... NASA-CASE-MFS-14253
US-PATENT-APPL-SN-709622
US-PATENT-CLASS-161-69
US-PATENT-3,551,266

N71-24861* c 10 ..... NASA-CASE-XMF-05195
US-PATENT-APPL-SN-785595
US-PATENT-CLASS-318-599
US-PATENT-3,523,228

N71-24862* c 10 ..... NASA-CASE-FRC-10010
US-PATENT-APPL-SN-771937
US-PATENT-CLASS-307-235
US-PATENT-3,543,050

N71-24863* c 10 ..... NASA-CASE-XMF-02966
US-PATENT-APPL-SN-560968
US-PATENT-CLASS-324-70
US-PATENT-3,406,336

N71-24864* c 14 ..... NASA-CASE-XLE-04503
US-PATENT-APPL-SN-606463
US-PATENT-CLASS-250-225
US-PATENT-3,546,471

N71-24865* c 15 ..... NASA-CASE-XMF-05114-3
US-PATENT-APPL-SN-837378
US-PATENT-CLASS-72-56
US-PATENT-3,540,250

N71-24868* c 23 ..... NASA-CASE-ERC-10001
US-PATENT-APPL-SN-712099
US-PATENT-CLASS-350-310
US-PATENT-3,540,802

N71-24875* c 15 ..... NASA-CASE-XLA-06199
US-PATENT-APPL-SN-702911
US-PATENT-CLASS-148-6.11
US-PATENT-3,540,942

N71-24876* c 33 ..... NASA-CASE-XNP-05524
US-PATENT-APPL-SN-250567
US-PATENT-CLASS-165-2
US-PATENT-3,270,802

N71-24890* c 08 ..... NASA-CASE-XKS-06167
US-PATENT-APPL-SN-649076
US-PATENT-CLASS-235-155
US-PATENT-3,535,497

N71-24891* c 08 ..... NASA-CASE-XNP-09759
US-PATENT-APPL-SN-606462
US-PATENT-CLASS-235-92
US-PATENT-3,541,312

N71-24892* c 09 ..... NASA-CASE-NPO-10716
US-PATENT-APPL-SN-851394
US-PATENT-CLASS-307-104
US-PATENT-CLASS-317-123
US-PATENT-CLASS-317-148.5
US-PATENT-3,549,955

N71-24893* c 09 ..... NASA-CASE-ERC-10125
US-PATENT-APPL-SN-773029
US-PATENT-CLASS-323-56
US-PATENT-3,541,428

N71-24895* c 15 ..... NASA-CASE-XLA-07473
US-PATENT-APPL-SN-839935
US-PATENT-CLASS-318-265
US-PATENT-3,546,552

N71-24896* c 15 ..... NASA-CASE-ERC-10034
US-PATENT-APPL-SN-763706
US-PATENT-CLASS-250-43.5
US-PATENT-3,549,882

N71-24897* c 15 ..... NASA-CASE-XLA-03538
US-PATENT-APPL-SN-749149
US-PATENT-CLASS-294-83
US-PATENT-3,508,779

N71-24903* c 15 ..... NASA-CASE-MFS-20395
US-PATENT-APPL-SN-830715
US-PATENT-CLASS-285-314
US-PATENT-CLASS-285-317
US-PATENT-CLASS-285-38
US-PATENT-CLASS-285-406
US-PATENT-3,545,792

N71-24904* c 09 ..... NASA-CASE-MFS-20385
US-PATENT-APPL-SN-853716
US-PATENT-CLASS-310-10
US-PATENT-3,541,361

N71-24910* c 15 ..... NASA-CASE-ERC-10045
US-PATENT-APPL-SN-763685
US-PATENT-CLASS-73-40.7
US-PATENT-3,548,636

N71-24911* c 17 ..... NASA-CASE-XLE-04946
US-PATENT-APPL-SN-605093
US-PATENT-CLASS-118-308
US-PATENT-3,472,202

N71-24934* c 18 ..... NASA-CASE-NPO-10051
US-PATENT-APPL-SN-711898
US-PATENT-CLASS-73-38
US-PATENT-3,548,633

N71-24948* c 21 ..... NASA-CASE-ERC-10090
US-PATENT-APPL-SN-811542
US-PATENT-CLASS-343-112
US-PATENT-3,550,129

N71-24964* c 11 ..... NASA-CASE-NPO-10141
US-PATENT-APPL-SN-673227
US-PATENT-CLASS-62-55.5
US-PATENT-3,443,390

N71-24984* c 15 ..... NASA-CASE-MFS-14971
US-PATENT-APPL-SN-827579
US-PATENT-CLASS-74-468
US-PATENT-3,541,875

N71-24985* c 11 ..... NASA-CASE-KSC-10126
US-PATENT-APPL-SN-845973
US-PATENT-CLASS-73-15
US-PATENT-3,545,252

N71-25139* c 10 ..... NASA-CASE-MFS-10068
US-PATENT-APPL-SN-700541
US-PATENT-CLASS-321-9
US-PATENT-3,487,288

N71-25213* c 28 ..... NASA-CASE-GSC-10709-1
US-PATENT-APPL-SN-791288
US-PATENT-CLASS-60-202
US-PATENT-3,545,208

N71-25351* c 33 ..... NASA-CASE-MFS-14023
US-PATENT-APPL-SN-795217
US-PATENT-CLASS-161-161
US-PATENT-CLASS-220-9
US-PATENT-CLASS-52-249
US-PATENT-CLASS-52-404
US-PATENT-CLASS-62-45
US-PATENT-3,540,615

N71-25353* c 33 ..... NASA-CASE-MFS-20355
US-PATENT-APPL-SN-845974
US-PATENT-CLASS-165-104
US-PATENT-CLASS-165-105
US-PATENT-CLASS-165-133
US-PATENT-CLASS-219-378
US-PATENT-CLASS-219-530
US-PATENT-CLASS-244-1
US-PATENT-3,548,930

N71-25360* c 32 ..... NASA-CASE-XLA-08530
US-PATENT-APPL-SN-808577
US-PATENT-CLASS-73-90
US-PATENT-3,546,931

N71-25434* c 31 ..... NASA-CASE-MSC-13047-1
US-PATENT-APPL-SN-850586
US-PATENT-CLASS-244-1
US-PATENT-CLASS-244-113
US-PATENT-CLASS-244-138
US-PATENT-3,547,376

N71-25490* c 26 ..... NASA-CASE-ERC-10088
US-PATENT-APPL-SN-760927
US-PATENT-CLASS-73-141
US-PATENT-3,537,305

N71-25555* c 24 ..... NASA-CASE-XNP-09469
US-PATENT-APPL-SN-645573
US-PATENT-CLASS-204-168
US-PATENT-3,540,989

N71-25865* c 10 ..... NASA-CASE-KSC-10002
US-PATENT-APPL-SN-782956
US-PATENT-CLASS-178-69.5
US-PATENT-3,567,861

N71-25866* c 09 ..... NASA-CASE-ARC-10003-1
US-PATENT-APPL-SN-717822
US-PATENT-CLASS-178-66
US-PATENT-CLASS-179-100.2
US-PATENT-3,549,799

N71-25881* c 18 ..... NASA-CASE-XGS-05180
US-PATENT-APPL-SN-721607
US-PATENT-CLASS-260-37
US-PATENT-3,567,677

N71-25882* c 10 ..... NASA-CASE-GSC-10022-1
US-PATENT-APPL-SN-785546
US-PATENT-CLASS-331-113
US-PATENT-3,559,096

N71-25892* c 14 ..... NASA-CASE-XLA-04555-1
US-PATENT-APPL-SN-594584
US-PATENT-CLASS-148-13
US-PATENT-3,468,727

N71-25899* c 10 ..... NASA-CASE-LEW-10345-1
US-PATENT-APPL-SN-805298
US-PATENT-CLASS-137-81.5
US-PATENT-CLASS-235-201

US-PATENT-3,566,268
N71-26579* c 07 ..... NASA-CASE-XMS-06740-1
US-PATENT-APPL-SN-554277
US-PATENT-CLASS-178-6
US-PATENT-3,470,313
N71-26611* c 15 ..... NASA-CASE-MSC-11817-1
US-PATENT-APPL-SN-7668
US-PATENT-CLASS-165-44
US-PATENT-CLASS-165-86
US-PATENT-CLASS-188-88
US-PATENT-CLASS-244-1
US-PATENT-CLASS-244-57
US-PATENT-3,563,307
N71-26626* c 10 ..... NASA-CASE-GSC-10891-1
US-PATENT-APPL-SN-568620
US-PATENT-CLASS-307-53
US-PATENT-3,480,789
N71-26627* c 14 ..... NASA-CASE-MFS-14017
US-PATENT-APPL-SN-762956
US-PATENT-CLASS-248-183
US-PATENT-CLASS-308-9
US-PATENT-3,559,937
N71-26635* c 15 ..... NASA-CASE-ERC-10022
US-PATENT-APPL-SN-874733
US-PATENT-CLASS-74-424.8
US-PATENT-CLASS-74-89.15
US-PATENT-3,576,135
N71-26642* c 28 ..... NASA-CASE-LEW-10106-1
US-PATENT-APPL-SN-758390
US-PATENT-CLASS-60-202
US-PATENT-3,552,124
N71-26654* c 23 ..... NASA-CASE-NPO-10467
US-PATENT-APPL-SN-798277
US-PATENT-CLASS-62-514
US-PATENT-3,564,866
N71-26672* c 14 ..... NASA-CASE-ERC-10033
US-PATENT-APPL-SN-801660
US-PATENT-CLASS-73-49.3
US-PATENT-3,559,460
N71-26673* c 15 ..... NASA-CASE-XAC-09489-1
US-PATENT-APPL-SN-694246
US-PATENT-CLASS-356-154
US-PATENT-3,565,530
N71-26674* c 19 ..... NASA-CASE-XGS-04173
US-PATENT-APPL-SN-658964
US-PATENT-CLASS-350-285
US-PATENT-3,560,081
N71-26678* c 09 ..... NASA-CASE-ERC-10013
US-PATENT-APPL-SN-802972
US-PATENT-CLASS-29-25.18
US-PATENT-3,562,881
N71-26681* c 32 ..... NASA-CASE-LAR-10098
US-PATENT-APPL-SN-677475
US-PATENT-CLASS-73-71.4
US-PATENT-3,564,906
N71-26701* c 09 ..... NASA-CASE-NPO-10331
US-PATENT-APPL-SN-757625
US-PATENT-CLASS-118-49.5
US-PATENT-CLASS-204-298
US-PATENT-3,556,048
N71-26721* c 15 ..... NASA-CASE-LAR-10121-1
US-PATENT-APPL-SN-766244
US-PATENT-CLASS-18-6
US-PATENT-3,562,857
N71-26722* c 23 ..... NASA-CASE-GSC-10216-1
US-PATENT-APPL-SN-756260
US-PATENT-CLASS-331-94.5
US-PATENT-3,555,455
N71-26726* c 03 ..... NASA-CASE-XNP-03413
US-PATENT-APPL-SN-640456
US-PATENT-CLASS-156-212
US-PATENT-3,565,719
N71-26754* c 06 ..... NASA-CASE-XNP-09451
US-PATENT-APPL-SN-713162
US-PATENT-CLASS-23-253
US-PATENT-3,560,161
N71-26772* c 18 ..... NASA-CASE-XMF-07770-2
US-PATENT-APPL-SN-711903
US-PATENT-CLASS-106-296
US-PATENT-3,576,656
N71-26773* c 17 ..... NASA-CASE-XNP-04262-2
US-PATENT-APPL-SN-684894
US-PATENT-CLASS-75-66
US-PATENT-3,565,607
N71-26774* c 14 ..... NASA-CASE-ERC-11020
US-PATENT-APPL-SN-686248
US-PATENT-CLASS-325-363
US-PATENT-3,564,420
N71-26779* c 28 ..... NASA-CASE-XLA-04126
US-PATENT-APPL-SN-467820
US-PATENT-CLASS-102-101
US-PATENT-CLASS-264-3
US-PATENT-CLASS-86-1
US-PATENT-CLASS-86-20.2
US-PATENT-3,570,364
N71-26781* c 28 ..... NASA-CASE-LEW-10210-1
US-PATENT-APPL-SN-804172
US-PATENT-CLASS-313-63
US-PATENT-CLASS-315-111
US-PATENT-CLASS-60-202
US-PATENT-3,576,107
N71-26787* c 09 ..... NASA-CASE-XKS-05932
US-PATENT-APPL-SN-752729
US-PATENT-CLASS-240-11.2
US-PATENT-CLASS-240-11.4
US-PATENT-CLASS-240-51.11
US-PATENT-CLASS-313-22
US-PATENT-3,564,234
N71-26788* c 14 ..... NASA-CASE-MFS-20240
US-PATENT-APPL-SN-825259
US-PATENT-CLASS-356-203
US-PATENT-3,563,668
N71-27001* c 09 ..... NASA-CASE-XGS-11177
US-PATENT-APPL-SN-828921
US-PATENT-CLASS-317-33
US-PATENT-CLASS-317-9
US-PATENT-3,571,656
N71-27005* c 14 ..... NASA-CASE-MFS-20261
US-PATENT-APPL-SN-845990
US-PATENT-CLASS-1
US-PATENT-CLASS-141-258
US-PATENT-CLASS-222-137
US-PATENT-CLASS-222-49
US-PATENT-3,568,885
N71-27006* c 15 ..... NASA-CASE-LAR-10083-1
US-PATENT-APPL-SN-837825
US-PATENT-CLASS-73-147
US-PATENT-3,572,112
N71-27016* c 09 ..... NASA-CASE-GSC-11139
US-PATENT-APPL-SN-756511
US-PATENT-CLASS-307-234
US-PATENT-CLASS-307-246
US-PATENT-CLASS-307-273
US-PATENT-CLASS-328-120
US-PATENT-CLASS-330-30
US-PATENT-3,569,744
N71-27036* c 11 ..... NASA-CASE-XNP-09770-3
US-PATENT-APPL-SN-863967
US-PATENT-CLASS-74-18.2
US-PATENT-3,574,286
N71-27053* c 09 ..... NASA-CASE-ERC-10113
US-PATENT-APPL-SN-865811
US-PATENT-CLASS-323-48
US-PATENT-CLASS-323-60
US-PATENT-3,571,699
N71-27056* c 07 ..... NASA-CASE-MSC-12205-1
US-PATENT-APPL-SN-882577
US-PATENT-CLASS-325-16
US-PATENT-CLASS-325-23
US-PATENT-CLASS-325-369
US-PATENT-CLASS-343-100
US-PATENT-CLASS-343-117
US-PATENT-CLASS-343-176
US-PATENT-3,568,197
N71-27057* c 08 ..... NASA-CASE-XLA-07828
US-PATENT-APPL-SN-770209
US-PATENT-CLASS-318-20.105
US-PATENT-CLASS-325-151.11
US-PATENT-CLASS-340-347DA
US-PATENT-3,573,797
N71-27058* c 14 ..... NASA-CASE-MSC-13276-1
US-PATENT-APPL-SN-880272
US-PATENT-CLASS-219-505
US-PATENT-3,575,585
N71-27067* c 15 ..... NASA-CASE-XKS-07814
US-PATENT-APPL-SN-672384
US-PATENT-CLASS-182-10
US-PATENT-CLASS-188-65.5
US-PATENT-3,568,795
N71-27068* c 15 ..... NASA-CASE-NPO-10796
US-PATENT-APPL-SN-815760
US-PATENT-CLASS-220-46
US-PATENT-3,568,874
N71-27084* c 15 ..... NASA-CASE-NPO-10755
US-PATENT-APPL-SN-816733
US-PATENT-CLASS-417-50
US-PATENT-3,567,339
N71-27088* c 02 ..... NASA-CASE-XLA-08967
US-PATENT-APPL-SN-837830
US-PATENT-CLASS-244-90
US-PATENT-3,570,789
N71-27090* c 14 ..... NASA-CASE-ERC-10044-1
US-PATENT-APPL-SN-811892
US-PATENT-CLASS-250-43.5R
US-PATENT-CLASS-250-83.6R
US-PATENT-CLASS-324-33
US-PATENT-3,575,597
N71-27091* c 15 ..... NASA-CASE-MFS-13929
US-PATENT-APPL-SN-779847
US-PATENT-CLASS-152-225
US-PATENT-CLASS-152-250
US-PATENT-3,568,748
N71-27094* c 28 ..... NASA-CASE-GSC-10710-1
US-PATENT-APPL-SN-828909
US-PATENT-CLASS-73-117.4
US-PATENT-3,572,104
N71-27095* c 28 ..... NASA-CASE-MFS-20325
US-PATENT-APPL-SN-840176
US-PATENT-CLASS-244-1
US-PATENT-3,572,610
N71-27126* c 10 ..... NASA-CASE-LEW-10233
US-PATENT-APPL-SN-750787
US-PATENT-CLASS-307-253
US-PATENT-CLASS-307-300
US-PATENT-3,566,158
N71-27135* c 15 ..... NASA-CASE-HQN-10541-2
US-PATENT-APPL-SN-822088
US-PATENT-CLASS-219-121
US-PATENT-CLASS-331-94.5
US-PATENT-3,571,555
N71-27136* c 10 ..... NASA-CASE-GSC-10065-1
US-PATENT-APPL-SN-808462
US-PATENT-CLASS-318-571
US-PATENT-CLASS-318-653
US-PATENT-3,568,028
N71-27137* c 10 ..... NASA-CASE-XNP-06234
US-PATENT-APPL-SN-723827
US-PATENT-CLASS-235-92
US-PATENT-CLASS-328-49
US-PATENT-3,567,913
N71-27146* c 15 ..... NASA-CASE-LAR-10193-1
US-PATENT-APPL-SN-794968
US-PATENT-CLASS-188-1
US-PATENT-CLASS-188-103
US-PATENT-3,568,805
N71-27147* c 15 ..... NASA-CASE-MSC-12121-1
US-PATENT-APPL-SN-783374
US-PATENT-CLASS-91-390
US-PATENT-CLASS-91-461
US-PATENT-3,563,135
N71-27169* c 15 ..... NASA-CASE-LAR-10106-1
US-PATENT-APPL-SN-810575
US-PATENT-CLASS-188-1
US-PATENT-CLASS-310-51
US-PATENT-3,566,993
N71-27170* c 18 ..... NASA-CASE-XMF-02221
US-PATENT-APPL-SN-430192
US-PATENT-CLASS-252-301.2
US-PATENT-3,567,651
N71-27183* c 16 ..... NASA-CASE-HQN-10541-4
US-PATENT-APPL-SN-822090
US-PATENT-CLASS-250-199
US-PATENT-3,575,602
N71-27184* c 15 ..... NASA-CASE-XNP-08124
US-PATENT-APPL-SN-697075
US-PATENT-CLASS-75-63
US-PATENT-3,563,727
N71-27185* c 14 ..... NASA-CASE-NPO-10556
US-PATENT-APPL-SN-796405
US-PATENT-CLASS-73-71.6
US-PATENT-3,572,089
N71-27186* c 14 ..... NASA-CASE-XMF-03968
US-PATENT-APPL-SN-719029
US-PATENT-CLASS-174-110.3
US-PATENT-CLASS-324-65
US-PATENT-CLASS-340-227
US-PATENT-CLASS-60-35.6
US-PATENT-3,569,828
N71-27191* c 07 ..... NASA-CASE-MFS-20068
US-PATENT-APPL-SN-797795
US-PATENT-CLASS-174-28
US-PATENT-CLASS-333-95
US-PATENT-CLASS-333-96
US-PATENT-CLASS-343-884
US-PATENT-3,569,875
N71-27210* c 08 ..... NASA-CASE-GSC-10097-1
US-PATENT-APPL-SN-762957
US-PATENT-CLASS-179-100.2
US-PATENT-CLASS-29-603
US-PATENT-CLASS-340-174.1
US-PATENT-3,566,045
N71-27214* c 15 ..... NASA-CASE-XLA-08911
US-PATENT-APPL-SN-777764
US-PATENT-CLASS-219-229
US-PATENT-CLASS-228-53
US-PATENT-3,575,336
N71-27215* c 14 ..... NASA-CASE-LAR-10204
US-PATENT-APPL-SN-766245
US-PATENT-CLASS-235-92
US-PATENT-CLASS-356-106
US-PATENT-3,572,935
N71-27232* c 09 ..... NASA-CASE-NPO-10607
US-PATENT-APPL-SN-799353
US-PATENT-CLASS-250-83
US-PATENT-CLASS-317-230
US-PATENT-CLASS-317-231
US-PATENT-CLASS-317-238
US-PATENT-3,568,010

US-PATENT-CLASS-62-45
US-PATENT-3,365,897
N71-28900* c 07 ..... NASA-CASE-XNP-02389
US-PATENT-APPL-SN-516162
US-PATENT-CLASS-343-100
US-PATENT-3,331,071
N71-28903* c 33 ..... NASA-CASE-XLA-01745
US-PATENT-APPL-SN-538907
US-PATENT-CLASS-244-1
US-PATENT-3,409,247
N71-28915* c 28 ..... NASA-CASE-LEW-10286-1
US-PATENT-APPL-SN-839994
US-PATENT-CLASS-431-352
US-PATENT-CLASS-60-39.36
US-PATENT-CLASS-60-39.65
US-PATENT-3,581,492
N71-28925* c 08 ..... NASA-CASE-XNP-01012
US-PATENT-APPL-SN-369338
US-PATENT-CLASS-340-174
US-PATENT-3,394,359
N71-28926* c 09 ..... NASA-CASE-XMS-03542
US-PATENT-APPL-SN-482952
US-PATENT-CLASS-307-263
US-PATENT-3,364,366
N71-28928* c 28 ..... NASA-CASE-XNP-00816
US-PATENT-APPL-SN-235588
US-PATENT-CLASS-253-77
US-PATENT-3,202,398
N71-28929* c 27 ..... NASA-CASE-XNP-00650
US-PATENT-APPL-SN-271823
US-PATENT-CLASS-60-39.48
US-PATENT-3,170,295
N71-28933* c 14 ..... NASA-CASE-XLA-08913
US-PATENT-APPL-SN-865109
US-PATENT-CLASS-204-263
US-PATENT-3,574,084
N71-28935* c 14 ..... NASA-CASE-LAR-10686
US-PATENT-APPL-SN-280362
US-PATENT-CLASS-226-58
US-PATENT-3,298,582
N71-28936* c 15 ..... NASA-CASE-XMS-10993
US-PATENT-APPL-SN-660573
US-PATENT-CLASS-244-1
US-PATENT-3,389,877
N71-28937* c 15 ..... NASA-CASE-XNP-01855
US-PATENT-APPL-SN-408435
US-PATENT-CLASS-285-45
US-PATENT-3,219,365
N71-28951* c 15 ..... NASA-CASE-XNP-02278
US-PATENT-APPL-SN-11853
US-PATENT-CLASS-60-35.55
US-PATENT-3,132,479
N71-28952* c 15 ..... NASA-CASE-XAC-00001
US-PATENT-APPL-SN-612568
US-PATENT-CLASS-318-31
US-PATENT-2,837,706
N71-28958* c 14 ..... NASA-CASE-XNP-02792
US-PATENT-APPL-SN-262596
US-PATENT-CLASS-219-413
US-PATENT-3,197,616
N71-28959* c 15 ..... NASA-CASE-XNP-01848
US-PATENT-APPL-SN-359532
US-PATENT-CLASS-64-27
US-PATENT-3,236,066
N71-28960* c 10 ..... NASA-CASE-XNP-00745
US-PATENT-APPL-SN-314570
US-PATENT-CLASS-328-67
US-PATENT-3,252,100
N71-28965*# c 07 ..... NASA-CASE-GSC-10949-1
US-PATENT-APPL-SN-94369
N71-28979* c 07 ..... NASA-CASE-HQN-00937
US-PATENT-APPL-SN-343760
US-PATENT-CLASS-343-823
US-PATENT-3,299,431
N71-28980* c 07 ..... NASA-CASE-XLA-10772
US-PATENT-APPL-SN-887700
US-PATENT-CLASS-343-708
US-PATENT-CLASS-343-784
US-PATENT-CLASS-343-872
US-PATENT-3,579,242
N71-28991* c 14 ..... NASA-CASE-XLA-06713
US-PATENT-APPL-SN-863913
US-PATENT-CLASS-324-5
US-PATENT-CLASS-324-73
US-PATENT-CLASS-340-347AD
US-PATENT-3,579,103
N71-28992* c 14 ..... NASA-CASE-ERC-10150
US-PATENT-APPL-SN-822519
US-PATENT-CLASS-250-41.95
US-PATENT-CLASS-73-40.7
US-PATENT-3,578,758
N71-28993* c 14 ..... NASA-CASE-MFS-20044
US-PATENT-APPL-SN-838630
US-PATENT-CLASS-250-219
US-PATENT-CLASS-356-209
US-PATENT-3,574,470

N71-28994* c 14 ..... NASA-CASE-XER-11203
US-PATENT-APPL-SN-815366
US-PATENT-CLASS-250-218
US-PATENT-CLASS-356-103
US-PATENT-3,578,867
N71-29008* c 09 ..... NASA-CASE-MSC-11277
US-PATENT-APPL-SN-771759
US-PATENT-CLASS-317-155.5
US-PATENT-CLASS-317-33
US-PATENT-CLASS-317-54
US-PATENT-CLASS-317-60
US-PATENT-3,579,041
N71-29018* c 15 ..... NASA-CASE-XLA-08916
US-PATENT-APPL-SN-777765
US-PATENT-CLASS-29-421
US-PATENT-3,583,058
N71-29032* c 15 ..... NASA-CASE-XMF-05999
US-PATENT-APPL-SN-752946
US-PATENT-CLASS-117-212
US-PATENT-3,576,669
N71-29033* c 08 ..... NASA-CASE-GSC-10554-1
US-PATENT-APPL-SN-828984
US-PATENT-CLASS-235-150.1
US-PATENT-CLASS-235-150.2
US-PATENT-CLASS-235-150.27
US-PATENT-CLASS-235-151.1
US-PATENT-3,578,957
N71-29034* c 08 ..... NASA-CASE-NPO-11088
US-PATENT-APPL-SN-887701
US-PATENT-CLASS-307-207
US-PATENT-CLASS-307-222
US-PATENT-CLASS-328-167
US-PATENT-CLASS-328-44
US-PATENT-3,579,122
N71-29035* c 09 ..... NASA-CASE-LEW-10155-1
US-PATENT-APPL-SN-889387
US-PATENT-CLASS-337-114
US-PATENT-CLASS-337-121
US-PATENT-3,579,168
N71-29040* c 18 ..... NASA-CASE-XLE-10910
US-PATENT-APPL-SN-751061
US-PATENT-CLASS-148-6
US-PATENT-3,573,996
N71-29041* c 14 ..... NASA-CASE-XLA-10402
US-PATENT-APPL-SN-762935
US-PATENT-CLASS-356-76
US-PATENT-3,574,462
N71-29044* c 03 ..... NASA-CASE-XMS-02063
US-PATENT-APPL-SN-422096
US-PATENT-CLASS-136-86
US-PATENT-3,382,105
N71-29046* c 33 ..... NASA-CASE-XHQ-03673
US-PATENT-APPL-SN-559055
US-PATENT-CLASS-165-86
US-PATENT-3,347,309
N71-29049* c 23 ..... NASA-CASE-XNP-06503
US-PATENT-APPL-SN-370989
US-PATENT-CLASS-335-216
US-PATENT-3,273,094
N71-29050* c 31 ..... NASA-CASE-HQN-00936
US-PATENT-APPL-SN-862921
US-PATENT-CLASS-244-1
US-PATENT-3,396,920
N71-29051* c 33 ..... NASA-CASE-XMF-04208
US-PATENT-APPL-SN-428887
US-PATENT-CLASS-73-190
US-PATENT-3,372,588
N71-29052* c 33 ..... NASA-CASE-MSC-12389
US-PATENT-APPL-SN-229286
US-PATENT-CLASS-165-47
US-PATENT-3,212,564
N71-29053* c 33 ..... NASA-CASE-HQN-00938
US-PATENT-APPL-SN-300957
US-PATENT-CLASS-60-267
US-PATENT-3,298,175
N71-29065* c 07 ..... NASA-CASE-ERC-10011
US-PATENT-APPL-SN-802818
US-PATENT-CLASS-333-81
US-PATENT-CLASS-350-1
US-PATENT-CLASS-350-286
US-PATENT-3,574,438
N71-29123* c 23 ..... NASA-CASE-XNP-08907
US-PATENT-APPL-SN-824042
US-PATENT-CLASS-350-102
US-PATENT-CLASS-350-288
US-PATENT-CLASS-350-310
US-PATENT-3,574,448
N71-29125* c 23 ..... NASA-CASE-NPO-11087
US-PATENT-APPL-SN-840359
US-PATENT-CLASS-331-94.5
US-PATENT-CLASS-356-153
US-PATENT-3,574,467
N71-29128* c 02 ..... NASA-CASE-XAC-00048
US-PATENT-APPL-SN-765264
US-PATENT-CLASS-121-38
US-PATENT-2,898,889

N71-29129* c 03 ..... NASA-CASE-XGS-01674
US-PATENT-APPL-SN-248985
US-PATENT-CLASS-320-13
US-PATENT-3,118,100
N71-29131* c 16 ..... NASA-CASE-ERC-10151
US-PATENT-APPL-SN-853856
US-PATENT-CLASS-350-3.5
US-PATENT-3,578,838
N71-29132* c 15 ..... NASA-CASE-NPO-10431
US-PATENT-APPL-SN-865329
US-PATENT-CLASS-73-49.8
US-PATENT-3,583,239
N71-29133* c 15 ..... NASA-CASE-MFS-20453
US-PATENT-APPL-SN-885594
US-PATENT-CLASS-29-278R
US-PATENT-CLASS-294-15
US-PATENT-CLASS-339-17R
US-PATENT-CLASS-81-3R
US-PATENT-3,583,744
N71-29134* c 14 ..... NASA-CASE-MFS-11204
US-PATENT-APPL-SN-845991
US-PATENT-CLASS-73-1R
US-PATENT-CLASS-73-304C
US-PATENT-3,578,755
N71-29135* c 10 ..... NASA-CASE-GSC-10564
US-PATENT-APPL-SN-292596
US-PATENT-CLASS-340-174
US-PATENT-3,348,218
N71-29136* c 15 ..... NASA-CASE-XLA-00013
US-PATENT-APPL-SN-579121
US-PATENT-CLASS-308-177
US-PATENT-2,903,307
N71-29137* c 17 ..... NASA-CASE-XNP-04339
US-PATENT-APPL-SN-451596
US-PATENT-CLASS-264-111
US-PATENT-3,413,393
N71-29138* c 08 ..... NASA-CASE-ERC-10041
US-PATENT-APPL-SN-889478
US-PATENT-CLASS-307-234
US-PATENT-CLASS-307-265
US-PATENT-CLASS-324-106
US-PATENT-CLASS-328-58
US-PATENT-CLASS-332-10
US-PATENT-CLASS-332-9R
US-PATENT-3,579,146
N71-29139* c 09 ..... NASA-CASE-XLA-07788
US-PATENT-APPL-SN-874732
US-PATENT-CLASS-307-215
US-PATENT-CLASS-307-247
US-PATENT-CLASS-307-265
US-PATENT-CLASS-307-273
US-PATENT-CLASS-307-294
US-PATENT-CLASS-328-207
US-PATENT-3,578,988
N71-29151* c 33 ..... NASA-CASE-XLE-00035
US-PATENT-APPL-SN-575291
US-PATENT-CLASS-204-37
US-PATENT-2,926,123
N71-29152* c 33 ..... NASA-CASE-XLE-00027
US-PATENT-APPL-SN-529594
US-PATENT-CLASS-253-39.1
US-PATENT-2,956,772
N71-29153* c 28 ..... NASA-CASE-MFS-20831
US-PATENT-APPL-SN-238421
US-PATENT-CLASS-60-35.54
US-PATENT-3,212,259
N71-29154* c 28 ..... NASA-CASE-XLE-00155
US-PATENT-APPL-SN-348600
US-PATENT-CLASS-253-77
US-PATENT-2,997,274
N71-29155* c 27 ..... NASA-CASE-MSC-12390
US-PATENT-APPL-SN-231520
US-PATENT-CLASS-222-61
US-PATENT-3,286,882
N71-29156* c 26 ..... NASA-CASE-XNP-01961
US-PATENT-APPL-SN-442835
US-PATENT-CLASS-148-174
US-PATENT-3,397,094
N71-29184* c 25 ..... NASA-CASE-XLA-00327
US-PATENT-APPL-SN-199199
US-PATENT-CLASS-315-111
US-PATENT-3,238,413
N71-30026* c 14 ..... NASA-CASE-MFS-20096
US-PATENT-APPL-SN-435433
US-PATENT-CLASS-73-432
US-PATENT-3,396,584
N71-30027* c 23 ..... NASA-CASE-GSC-10700
US-PATENT-APPL-SN-311387
US-PATENT-CLASS-350-2
US-PATENT-3,394,975
N71-30028* c 15 ..... NASA-CASE-MFS-20830
US-PATENT-APPL-SN-286620
US-PATENT-3,262,395
N71-30265* c 14 ..... NASA-CASE-HQN-10780
US-PATENT-APPL-SN-247136
US-PATENT-CLASS-73-497

US-PATENT-3,606,212
N72-20031* c 03 ..... NASA-CASE-GSC-10669-1
US-PATENT-APPL-SN-90595
US-PATENT-CLASS-136-89
US-PATENT-CLASS-244-ISS
US-PATENT-CLASS-340-210
US-PATENT-3,636,539
N72-20032* c 03 ..... NASA-CASE-NPO-11021
US-PATENT-APPL-SN-880250
US-PATENT-CLASS-136-166
US-PATENT-CLASS-136-79
US-PATENT-CLASS-136-81
US-PATENT-3,625,766
N72-20033* c 03 ..... NASA-CASE-NPO-10401
US-PATENT-APPL-SN-15025
US-PATENT-CLASS-210-212
US-PATENT-CLASS-356-222
US-PATENT-3,630,627
N72-20034* c 03 ..... NASA-CASE-LEW-11359-2
US-PATENT-APPL-SN-57399
US-PATENT-CLASS-136-100R
US-PATENT-CLASS-136-175
US-PATENT-CLASS-136-83R
US-PATENT-3,635,765
N72-20096* c 05 ..... NASA-CASE-MSC-12411-1
US-PATENT-APPL-SN-701244
US-PATENT-CLASS-128-142.5
US-PATENT-CLASS-128-402
US-PATENT-CLASS-2-2.1
US-PATENT-3,635,216
N72-20097* c 05 ..... NASA-CASE-MFS-20332
US-PATENT-APPL-SN-869260
US-PATENT-CLASS-137-469
US-PATENT-CLASS-137-81
US-PATENT-3,636,966
N72-20098* c 05 ..... NASA-CASE-MSC-12398
US-PATENT-APPL-SN-785615
US-PATENT-CLASS-2-2.1
US-PATENT-3,624,839
N72-20121* c 06 ..... NASA-CASE-NPO-10765
US-PATENT-APPL-SN-770425
US-PATENT-CLASS-260-544F
US-PATENT-3,637,842
N72-20140* c 07 ..... NASA-CASE-NPO-10844
US-PATENT-APPL-SN-839934
US-PATENT-CLASS-178-69.5R
US-PATENT-CLASS-179-15BS
US-PATENT-CLASS-325-321
US-PATENT-CLASS-325-38
US-PATENT-CLASS-325-4
US-PATENT-CLASS-325-58
US-PATENT-3,626,298
N72-20141* c 07 ..... NASA-CASE-ERC-10179
US-PATENT-APPL-SN-50207
US-PATENT-CLASS-325-445
US-PATENT-CLASS-329-161
US-PATENT-CLASS-329-162
US-PATENT-CLASS-332-51W
US-PATENT-CLASS-333-73W
US-PATENT-CLASS-343-772
US-PATENT-CLASS-343-773
US-PATENT-CLASS-343-786
US-PATENT-3,633,110
N72-20154*# c 07 ..... NASA-CASE-NPO-11243
US-PATENT-APPL-SN-177753
N72-20176* c 08 ..... NASA-CASE-NPO-11130
US-PATENT-APPL-SN-21508
US-PATENT-CLASS-235-152
US-PATENT-CLASS-235-92CC
US-PATENT-CLASS-235-92DE
US-PATENT-CLASS-235-92DM
US-PATENT-CLASS-235-92LG
US-PATENT-CLASS-235-92R
US-PATENT-CLASS-340-347DA
US-PATENT-CLASS-340-347DD
US-PATENT-3,632,996
N72-20177* c 08 ..... NASA-CASE-NPO-10748
US-PATENT-APPL-SN-63383
US-PATENT-CLASS-324-77G
US-PATENT-3,631,339
N72-20199* c 09 ..... NASA-CASE-NPO-10722
US-PATENT-APPL-SN-860492
US-PATENT-CLASS-200-81.9M
US-PATENT-CLASS-335-205
US-PATENT-3,632,923
N72-20200* c 09 ..... NASA-CASE-NPO-10694
US-PATENT-APPL-SN-24224
US-PATENT-CLASS-339-275T
US-PATENT-CLASS-339-276T
US-PATENT-3,631,382
N72-20206*# c 09 ..... NASA-CASE-ERC-10468
US-PATENT-APPL-SN-144958
N72-20221* c 10 ..... NASA-CASE-GSC-10082-1
US-PATENT-APPL-SN-41430
US-PATENT-CLASS-307-273
US-PATENT-CLASS-307-288
US-PATENT-CLASS-307-313
US-PATENT-CLASS-328-207
US-PATENT-CLASS-330-30D
US-PATENT-3,633,048
N72-20222* c 10 ..... NASA-CASE-XLA-11189
US-PATENT-APPL-SN-889375
US-PATENT-CLASS-324-115
US-PATENT-CLASS-324-132
US-PATENT-3,638,114
N72-20223* c 10 ..... NASA-CASE-NPO-11133
US-PATENT-APPL-SN-887685
US-PATENT-CLASS-307-295
US-PATENT-CLASS-328-16
US-PATENT-CLASS-328-166
US-PATENT-CLASS-328-20
US-PATENT-CLASS-328-38
US-PATENT-3,626,308
N72-20224* c 10 ..... NASA-CASE-NPO-11203
US-PATENT-APPL-SN-3696
US-PATENT-CLASS-324-83A
US-PATENT-CLASS-324-85
US-PATENT-CLASS-328-133
US-PATENT-CLASS-343-12
US-PATENT-3,631,351
N72-20225* c 10 ..... NASA-CASE-MSC-13407-1
US-PATENT-APPL-SN-65840
US-PATENT-CLASS-315-22
US-PATENT-CLASS-315-25
US-PATENT-3,638,066
N72-20244* c 11 ..... NASA-CASE-NPO-11210
US-PATENT-APPL-SN-880831
US-PATENT-CLASS-123-102
US-PATENT-CLASS-180-105E
US-PATENT-CLASS-318-308
US-PATENT-CLASS-318-327
US-PATENT-CLASS-318-376
US-PATENT-3,630,304
N72-20379* c 14 ..... NASA-CASE-GSC-10514-1
US-PATENT-APPL-SN-873045
US-PATENT-CLASS-250-208
US-PATENT-CLASS-356-138
US-PATENT-CLASS-356-152
US-PATENT-3,637,312
N72-20380* c 14 ..... NASA-CASE-LAR-10176-1
US-PATENT-APPL-SN-811038
US-PATENT-CLASS-95-18
US-PATENT-3,626,828
N72-20381* c 14 ..... NASA-CASE-GSC-10503-1
US-PATENT-APPL-SN-789044
US-PATENT-CLASS-250-83.6R
US-PATENT-3,626,189
N72-20442* c 15 ..... NASA-CASE-GSC-10607-1
US-PATENT-APPL-SN-27340
US-PATENT-CLASS-251-129
US-PATENT-CLASS-251-333
US-PATENT-3,632,081
N72-20443* c 15 ..... NASA-CASE-NPO-10671
US-PATENT-APPL-SN-857967
US-PATENT-CLASS-188-1B
US-PATENT-CLASS-188-1C
US-PATENT-CLASS-188-268
US-PATENT-3,637,051
N72-20444* c 15 ..... NASA-CASE-FRC-10038
US-PATENT-APPL-SN-889554
US-PATENT-CLASS-29-412
US-PATENT-CLASS-29-426
US-PATENT-CLASS-29-527.2
US-PATENT-CLASS-29-624
US-PATENT-CLASS-51-216
US-PATENT-CLASS-51-320
US-PATENT-CLASS-51-323
US-PATENT-3,636,623
N72-20445* c 15 ..... NASA-CASE-NPO-10704
US-PATENT-APPL-SN-59895
US-PATENT-CLASS-138-178
US-PATENT-CLASS-285-18
US-PATENT-CLASS-285-345
US-PATENT-3,632,140
N72-20446* c 15 ..... NASA-CASE-MFS-20698
US-PATENT-APPL-SN-3418
US-PATENT-CLASS-100-299
US-PATENT-CLASS-23-209.1
US-PATENT-CLASS-264-22
US-PATENT-CLASS-425-77
US-PATENT-3,632,242
N72-20597* c 22 ..... NASA-CASE-XLE-04599
US-PATENT-APPL-SN-751215
US-PATENT-CLASS-176-86G
US-PATENT-3,629,068
N72-20758* c 28 ..... NASA-CASE-XNP-03282
US-PATENT-APPL-SN-745337
US-PATENT-CLASS-60-254
US-PATENT-3,636,711
N72-20915* c 33 ..... NASA-CASE-NPO-10831
US-PATENT-APPL-SN-10161
US-PATENT-CLASS-122-32
US-PATENT-CLASS-165-133
US-PATENT-CLASS-165-155
US-PATENT-CLASS-165-158
US-PATENT-CLASS-165-161
US-PATENT-CLASS-165-174
US-PATENT-3,630,276
N72-21094* c 06 ..... NASA-CASE-ERC-10108
US-PATENT-APPL-SN-833049
US-PATENT-CLASS-156-3
US-PATENT-CLASS-96-36.2
US-PATENT-3,615,465
N72-21105*# c 06 ..... NASA-CASE-GSC-11304-1
US-PATENT-APPL-SN-137912
N72-21117* c 07 ..... NASA-CASE-XLA-11154
US-PATENT-APPL-SN-23532
US-PATENT-CLASS-343-706
US-PATENT-CLASS-343-912
US-PATENT-3,623,107
N72-21118* c 07 ..... NASA-CASE-NPO-11001
US-PATENT-APPL-SN-856279
US-PATENT-CLASS-343-100ST
US-PATENT-CLASS-343-5CM
US-PATENT-CLASS-343-6.5R
US-PATENT-3,624,650
N72-21119* c 07 ..... NASA-CASE-ERC-10112
US-PATENT-APPL-SN-796690
US-PATENT-CLASS-179-100.2K
US-PATENT-3,614,343
N72-21197* c 08 ..... NASA-CASE-KSC-10326
US-PATENT-APPL-SN-25487
US-PATENT-CLASS-235-155
US-PATENT-CLASS-340-347DD
US-PATENT-3,638,002
N72-21198* c 08 ..... NASA-CASE-ERC-10307
US-PATENT-APPL-SN-39755
US-PATENT-CLASS-307-299
US-PATENT-CLASS-307-303
US-PATENT-CLASS-307-311
US-PATENT-CLASS-340-173.2
US-PATENT-CLASS-340-173LS
US-PATENT-3,623,030
N72-21199* c 08 ..... NASA-CASE-NPO-10743
US-PATENT-APPL-SN-850587
US-PATENT-CLASS-340-174CS
US-PATENT-CLASS-340-174LC
US-PATENT-CLASS-340-174M
US-PATENT-CLASS-340-174SR
US-PATENT-3,613,110
N72-21200* c 08 ..... NASA-CASE-NPO-11018
US-PATENT-APPL-SN-873259
US-PATENT-CLASS-340-347AD
US-PATENT-3,613,111
N72-21243* c 09 ..... NASA-CASE-LEW-11005-1
US-PATENT-APPL-SN-86548
US-PATENT-CLASS-323-DIG.1
US-PATENT-CLASS-323-22T
US-PATENT-CLASS-323-38
US-PATENT-3,638,103
N72-21244* c 09 ..... NASA-CASE-LAR-10545-1
US-PATENT-APPL-SN-31703
US-PATENT-CLASS-343-771
US-PATENT-CLASS-343-893
US-PATENT-3,638,224
N72-21245* c 09 ..... NASA-CASE-ARC-10192
US-PATENT-APPL-SN-15024
US-PATENT-CLASS-307-230
US-PATENT-CLASS-307-295
US-PATENT-CLASS-328-142
US-PATENT-CLASS-328-167
US-PATENT-CLASS-330-70R
US-PATENT-CLASS-330-85
US-PATENT-CLASS-333-80
US-PATENT-3,621,407
N72-21246* c 09 ..... NASA-CASE-NPO-11134
US-PATENT-APPL-SN-883524
US-PATENT-CLASS-318-576
US-PATENT-CLASS-324-71R
US-PATENT-CLASS-346-1
US-PATENT-CLASS-346-29
US-PATENT-3,624,659
N72-21247* c 09 ..... NASA-CASE-KSC-10393
US-PATENT-APPL-SN-71047
US-PATENT-CLASS-307-257
US-PATENT-CLASS-307-259
US-PATENT-CLASS-331-111
US-PATENT-CLASS-331-14
US-PATENT-CLASS-331-23
US-PATENT-CLASS-331-30
US-PATENT-3,614,648
N72-21248*# c 09 ..... NASA-CASE-LAR-10503-1
US-PATENT-APPL-SN-229143
N72-21310* c 12 ..... NASA-CASE-MFS-20829
US-PATENT-APPL-SN-61894
US-PATENT-CLASS-169-28
US-PATENT-CLASS-169-36
US-PATENT-3,613,794

N72-21405* c 14 ..... NASA-CASE-NPO-10832
US-PATENT-APPL-SN-22265
US-PATENT-CLASS-73-141A
US-PATENT-3,623,360
N72-21407* c 14 ..... NASA-CASE-MFS-20642
US-PATENT-APPL-SN-873793
US-PATENT-CLASS-73-147
US-PATENT-3,623,361
N72-21408* c 14 ..... NASA-CASE-MSC-13332-1
US-PATENT-APPL-SN-77169
US-PATENT-CLASS-250-43.5R
US-PATENT-CLASS-250-83.3H
US-PATENT-3,614,431
N72-21409* c 14 ..... NASA-CASE-MSC-12105-1
US-PATENT-APPL-SN-763743
US-PATENT-CLASS-356-17
US-PATENT-CLASS-356-18
US-PATENT-3,614,228
N72-21462* c 15 ..... NASA-CASE-NPO-10679
US-PATENT-APPL-SN-848282
US-PATENT-CLASS-74-89.15
US-PATENT-3,614,898
N72-21463* c 15 ..... NASA-CASE-MFS-20413
US-PATENT-APPL-SN-69209
US-PATENT-CLASS-74-469
US-PATENT-3,620,095
N72-21464* c 15 ..... NASA-CASE-ARC-10176-1
US-PATENT-APPL-SN-889583
US-PATENT-CLASS-324-57R
US-PATENT-CLASS-324-64
US-PATENT-CLASS-324-71R
US-PATENT-3,624,496
N72-21465* c 15 ..... NASA-CASE-GSC-10218-1
US-PATENT-APPL-SN-15022
US-PATENT-CLASS-141-23
US-PATENT-CLASS-195-127
US-PATENT-CLASS-222-135
US-PATENT-CLASS-222-309
US-PATENT-CLASS-222-71
US-PATENT-CLASS-23-253R
US-PATENT-CLASS-23-259
US-PATENT-CLASS-73-425.6
US-PATENT-3,615,241
N72-21466* c 15 ..... NASA-CASE-NPO-10440
US-PATENT-APPL-SN-756834
US-PATENT-CLASS-204-130
US-PATENT-CLASS-204-59
US-PATENT-3,616,338
N72-21489*# c 15 ..... NASA-CASE-XLA-10470
US-PATENT-APPL-SN-219436
N72-21624* c 21 ..... NASA-CASE-HQN-10439
US-PATENT-APPL-SN-889551
US-PATENT-CLASS-244-1SA
US-PATENT-3,637,170
N72-21701* c 26 ..... NASA-CASE-ERC-10119
US-PATENT-APPL-SN-825258
US-PATENT-CLASS-307-299
US-PATENT-CLASS-317-234V
US-PATENT-CLASS-317-235R
US-PATENT-CLASS-331-107
US-PATENT-CLASS-332-31
US-PATENT-3,614,557
N72-21893*# c 31 ..... NASA-CASE-KSC-10622-1
US-PATENT-APPL-SN-149983
N72-22041* c 03 ..... NASA-CASE-NPO-10591
US-PATENT-APPL-SN-776185
US-PATENT-CLASS-29-572
US-PATENT-3,616,528
N72-22042* c 03 ..... NASA-CASE-NPO-10747
US-PATENT-APPL-SN-6616
US-PATENT-CLASS-136-89
US-PATENT-3,615,853
N72-22092* c 05 ..... NASA-CASE-ARC-10275-1
US-PATENT-APPL-SN-21644
US-PATENT-CLASS-2-2.1A
US-PATENT-3,636,564
N72-22093* c 05 ..... NASA-CASE-MSC-12324-1
US-PATENT-APPL-SN-63384
US-PATENT-CLASS-126-295
US-PATENT-CLASS-4-110
US-PATENT-CLASS-4-99
US-PATENT-3,602,923
N72-22107* c 06 ..... NASA-CASE-NPO-10862
US-PATENT-APPL-SN-810815
US-PATENT-CLASS-260-877
US-PATENT-3,639,510
N72-22127* c 07 ..... NASA-CASE-NPO-10303
US-PATENT-APPL-SN-848776
US-PATENT-CLASS-343-771
US-PATENT-CLASS-343-797
US-PATENT-CLASS-343-853
US-PATENT-CLASS-343-912
US-PATENT-3,623,114
N72-22162* c 08 ..... NASA-CASE-NPO-11333
US-PATENT-APPL-SN-78065
US-PATENT-CLASS-178-52
US-PATENT-CLASS-179-15A
US-PATENT-CLASS-179-15BL
US-PATENT-CLASS-307-243
US-PATENT-CLASS-307-251
US-PATENT-CLASS-328-104
US-PATENT-CLASS-328-154
US-PATENT-3,614,327
N72-22163* c 08 ..... NASA-CASE-MSC-13110-1
US-PATENT-APPL-SN-23132
US-PATENT-CLASS-340-347AD
US-PATENT-3,614,772
N72-22164* c 08 ..... NASA-CASE-NPO-10745
US-PATENT-APPL-SN-878730
US-PATENT-CLASS-178-DIG.28
US-PATENT-CLASS-178-DIG.36
US-PATENT-CLASS-178-6.8
US-PATENT-CLASS-178-7.2R
US-PATENT-3,621,130
N72-22165* c 08 ..... NASA-CASE-NPO-11104
US-PATENT-APPL-SN-860750
US-PATENT-CLASS-235-150.52
US-PATENT-CLASS-235-150.53
US-PATENT-CLASS-235-183
US-PATENT-CLASS-235-194
US-PATENT-CLASS-235-197
US-PATENT-CLASS-340-347R
US-PATENT-3,621,228
N72-22166* c 08 ..... NASA-CASE-NPO-10560
US-PATENT-APPL-SN-856282
US-PATENT-CLASS-235-153
US-PATENT-CLASS-324-73AT
US-PATENT-CLASS-340-347AD
US-PATENT-3,603,772
N72-22167* c 08 ..... NASA-CASE-NPO-11082
US-PATENT-APPL-SN-868529
US-PATENT-CLASS-235-152
US-PATENT-CLASS-340-146.1
US-PATENT-CLASS-340-348
US-PATENT-3,609,327
N72-22195* c 09 ..... NASA-CASE-MFS-14710
US-PATENT-APPL-SN-852843
US-PATENT-CLASS-74-105
US-PATENT-3,614,899
N72-22196* c 09 ..... NASA-CASE-ERC-10075-2
US-PATENT-APPL-SN-775870
US-PATENT-CLASS-321-14
US-PATENT-CLASS-321-19
US-PATENT-CLASS-321-2
US-PATENT-CLASS-321-25
US-PATENT-CLASS-323-56
US-PATENT-CLASS-323-89C
US-PATENT-3,614,587
N72-22197* c 09 ..... NASA-CASE-LEW-10433-1
US-PATENT-APPL-SN-849106
US-PATENT-CLASS-307-262
US-PATENT-CLASS-307-88MP
US-PATENT-3,612,895
N72-22198* c 09 ..... NASA-CASE-MFS-13687-2
US-PATENT-APPL-SN-80369
US-PATENT-CLASS-174-106R
US-PATENT-CLASS-174-117FF
US-PATENT-CLASS-174-36
US-PATENT-3,612,743
N72-22199* c 09 ..... NASA-CASE-ERC-10222
US-PATENT-APPL-SN-832603
US-PATENT-CLASS-29-590
US-PATENT-3,621,565
N72-22200* c 09 ..... NASA-CASE-FRC-10036
US-PATENT-APPL-SN-872602
US-PATENT-CLASS-307-237
US-PATENT-CLASS-307-254
US-PATENT-CLASS-307-317
US-PATENT-CLASS-328-1
US-PATENT-CLASS-328-151
US-PATENT-CLASS-73-88.5
US-PATENT-3,621,285
N72-22201* c 09 ..... NASA-CASE-LEW-10387
US-PATENT-APPL-SN-76899
US-PATENT-CLASS-307-223B
US-PATENT-CLASS-307-241
US-PATENT-CLASS-307-252J
US-PATENT-CLASS-307-252K
US-PATENT-CLASS-307-284
US-PATENT-CLASS-307-304
US-PATENT-CLASS-307-317
US-PATENT-CLASS-328-106
US-PATENT-3,621,287
N72-22202* c 09 ..... NASA-CASE-ARC-10136-1
US-PATENT-APPL-SN-865106
US-PATENT-CLASS-128-2.1A
US-PATENT-CLASS-128-2R
US-PATENT-CLASS-307-231
US-PATENT-CLASS-307-247
US-PATENT-CLASS-307-288
US-PATENT-CLASS-325-29
US-PATENT-CLASS-325-492
US-PATENT-CLASS-340-171
US-PATENT-CLASS-340-203
US-PATENT-3,621,290
N72-22203* c 09 ..... NASA-CASE-XER-11046
US-PATENT-APPL-SN-810579
US-PATENT-CLASS-321-15
US-PATENT-CLASS-321-18
US-PATENT-CLASS-321-2
US-PATENT-CLASS-321-45
US-PATENT-CLASS-331-117
US-PATENT-3,621,362
N72-22204* c 09 ..... NASA-CASE-LAR-10137-1
US-PATENT-APPL-SN-881041
US-PATENT-CLASS-200-81R
US-PATENT-CLASS-200-82C
US-PATENT-3,609,271
N72-22235* c 10 ..... NASA-CASE-GSC-10064-1
US-PATENT-APPL-SN-802812
US-PATENT-CLASS-343-16M
US-PATENT-CLASS-343-7.4
US-PATENT-CLASS-343-779
US-PATENT-CLASS-343-786
US-PATENT-3,623,094
N72-22236* c 10 ..... NASA-CASE-GSC-10878-1
US-PATENT-APPL-SN-889423
US-PATENT-CLASS-307-206
US-PATENT-CLASS-307-215
US-PATENT-CLASS-307-322
US-PATENT-CLASS-307-323
US-PATENT-3,621,277
N72-22245* c 11 ..... NASA-CASE-NPO-12109
US-PATENT-APPL-SN-690172
US-PATENT-CLASS-230-221
US-PATENT-CLASS-230-54
US-PATENT-3,612,391
N72-22246* c 11 ..... NASA-CASE-XLA-07430
US-PATENT-APPL-SN-867841
US-PATENT-CLASS-73-147
US-PATENT-3,620,076
N72-22247* c 11 ..... NASA-CASE-NPO-11013
US-PATENT-APPL-SN-858695
US-PATENT-CLASS-42-1F
US-PATENT-3,619,924
N72-22437* c 14 ..... NASA-CASE-LAR-10496-1
US-PATENT-APPL-SN-12661
US-PATENT-CLASS-73-141A
US-PATENT-3,611,798
N72-22438* c 14 ..... NASA-CASE-ARC-10263-1
US-PATENT-APPL-SN-882122
US-PATENT-CLASS-73-398C
US-PATENT-3,620,083
N72-22439* c 14 ..... NASA-CASE-MFS-20890
US-PATENT-APPL-SN-103229
US-PATENT-CLASS-264-22
US-PATENT-CLASS-29-421
US-PATENT-CLASS-310-11
US-PATENT-CLASS-310-42
US-PATENT-3,626,218
N72-22440* c 14 ..... NASA-CASE-ARC-10154-1
US-PATENT-APPL-SN-793771
US-PATENT-CLASS-73-67.2
US-PATENT-3,620,069
N72-22441* c 14 ..... NASA-CASE-NPO-11002
US-PATENT-APPL-SN-856328
US-PATENT-CLASS-350-19
US-PATENT-CLASS-350-23
US-PATENT-CLASS-350-26
US-PATENT-CLASS-350-35
US-PATENT-CLASS-350-36
US-PATENT-CLASS-350-49
US-PATENT-CLASS-350-52
US-PATENT-3,612,645
N72-22442* c 14 ..... NASA-CASE-MFS-21629
US-PATENT-APPL-SN-612265
US-PATENT-CLASS-324-61
US-PATENT-CLASS-73-304
US-PATENT-3,639,835
N72-22443* c 14 ..... NASA-CASE-XGS-03736
US-PATENT-APPL-SN-749320
US-PATENT-CLASS-252-300
US-PATENT-CLASS-96-90PC
US-PATENT-3,639,250
N72-22444* c 14 ..... NASA-CASE-LAR-10523-1
US-PATENT-APPL-SN-32665
US-PATENT-CLASS-250-203
US-PATENT-CLASS-350-16
US-PATENT-CLASS-350-52
US-PATENT-CLASS-356-248
US-PATENT-3,647,276
N72-22445* c 14 ..... NASA-CASE-LAR-10184
US-PATENT-APPL-SN-16808
US-PATENT-CLASS-33-174S
US-PATENT-CLASS-350-86
US-PATENT-3,620,595
N72-22482* c 15 ..... NASA-CASE-XLA-04897
US-PATENT-APPL-SN-880249

US-PATENT-CLASS-325-114
US-PATENT-CLASS-325-4
US-PATENT-CLASS-343-6.5R
US-PATENT-3,667,044

N72-25172* c 07 ..... NASA-CASE-NPO-11358
US-PATENT-APPL-SN-116786
US-PATENT-CLASS-179-15BV
US-PATENT-CLASS-340-172.5
US-PATENT-3,665,417

N72-25173* c 07 ..... NASA-CASE-ERC-10324
US-PATENT-APPL-SN-54270
US-PATENT-CLASS-178-69.5
US-PATENT-CLASS-325-141
US-PATENT-CLASS-325-302
US-PATENT-CLASS-325-325
US-PATENT-CLASS-325-38
US-PATENT-CLASS-325-51
US-PATENT-CLASS-325-55
US-PATENT-CLASS-325-58
US-PATENT-CLASS-325-64
US-PATENT-CLASS-340-167
US-PATENT-3,665,313

N72-25174* c 07 ..... NASA-CASE-NPO-11264
US-PATENT-APPL-SN-36531
US-PATENT-CLASS-343-762
US-PATENT-CLASS-343-777
US-PATENT-CLASS-343-779
US-PATENT-CLASS-343-786
US-PATENT-CLASS-343-853
US-PATENT-3,665,481

N72-25206* c 08 ..... NASA-CASE-KSC-10397
US-PATENT-APPL-SN-25488
US-PATENT-CLASS-235-154
US-PATENT-CLASS-340-347DA
US-PATENT-3,648,275

N72-25207* c 08 ..... NASA-CASE-NPO-11161
US-PATENT-APPL-SN-889374
US-PATENT-CLASS-340-146.1
US-PATENT-CLASS-340-172.5
US-PATENT-3,648,256

N72-25208* c 08 ..... NASA-CASE-NPO-11338
US-PATENT-APPL-SN-89212
US-PATENT-CLASS-178-50
US-PATENT-CLASS-179-15BC
US-PATENT-CLASS-179-15FD
US-PATENT-CLASS-325-62
US-PATENT-CLASS-332-21
US-PATENT-3,659,053

N72-25209* c 08 ..... NASA-CASE-NPO-11194
US-PATENT-APPL-SN-63532
US-PATENT-CLASS-343-12R
US-PATENT-CLASS-343-14
US-PATENT-CLASS-343-6.5R
US-PATENT-3,659,292

N72-25210* c 08 ..... NASA-CASE-NPO-10636
US-PATENT-APPL-SN-77221
US-PATENT-CLASS-235-152
US-PATENT-CLASS-340-146.1AL
US-PATENT-3,662,337

N72-25247* c 09 ..... NASA-CASE-LAR-10163-1
US-PATENT-APPL-SN-73310
US-PATENT-CLASS-343-708
US-PATENT-CLASS-343-771
US-PATENT-CLASS-343-873
US-PATENT-3,653,052

N72-25248* c 09 ..... NASA-CASE-NPO-11342
US-PATENT-APPL-SN-89209
US-PATENT-CLASS-340-172.5
US-PATENT-CLASS-340-324A
US-PATENT-3,648,250

N72-25249* c 09 ..... NASA-CASE-GSC-10656-1
US-PATENT-APPL-SN-59969
US-PATENT-CLASS-321-2
US-PATENT-CLASS-323-DIG.1
US-PATENT-CLASS-323-17
US-PATENT-CLASS-323-22T
US-PATENT-3,621,372

N72-25250* c 09 ..... NASA-CASE-KSC-10565
US-PATENT-APPL-SN-98517
US-PATENT-CLASS-315-135
US-PATENT-CLASS-315-349
US-PATENT-CLASS-330-2
US-PATENT-CLASS-330-59
US-PATENT-CLASS-340-332
US-PATENT-3,659,148

N72-25251* c 09 ..... NASA-CASE-ERC-10048
US-PATENT-APPL-SN-10329
US-PATENT-CLASS-307-261
US-PATENT-CLASS-321-18
US-PATENT-CLASS-321-2
US-PATENT-3,659,184

N72-25252* c 09 ..... NASA-CASE-ERC-10268
US-PATENT-APPL-SN-39342
US-PATENT-CLASS-321-11
US-PATENT-CLASS-321-18
US-PATENT-CLASS-321-19
US-PATENT-CLASS-321-2
US-PATENT-CLASS-321-45ER
US-PATENT-CLASS-321-45R
US-PATENT-3,663,940

N72-25253* c 09 ..... NASA-CASE-GSC-11126-1
US-PATENT-APPL-SN-98640
US-PATENT-CLASS-321-2
US-PATENT-CLASS-321-47
US-PATENT-CLASS-331-113A
US-PATENT-3,663,941

N72-25254* c 09 ..... NASA-CASE-NPO-10760
US-PATENT-APPL-SN-129071
US-PATENT-CLASS-321-2
US-PATENT-CLASS-321-45R
US-PATENT-CLASS-331-113A
US-PATENT-3,663,944

N72-25255* c 09 ..... NASA-CASE-LAR-10620-1
US-PATENT-APPL-SN-125979
US-PATENT-CLASS-310-10
US-PATENT-CLASS-310-15
US-PATENT-3,663,843

N72-25256* c 09 ..... NASA-CASE-XLA-02609
US-PATENT-APPL-SN-41347
US-PATENT-CLASS-333-79
US-PATENT-CLASS-339-143R
US-PATENT-CLASS-339-147R
US-PATENT-3,663,929

N72-25257* c 09 ..... NASA-CASE-MSC-12395
US-PATENT-APPL-SN-134573
US-PATENT-CLASS-307-233
US-PATENT-CLASS-324-186
US-PATENT-CLASS-324-78D
US-PATENT-CLASS-328-136
US-PATENT-CLASS-328-140
US-PATENT-3,663,885

N72-25258* c 09 ..... NASA-CASE-LAR-10253-1
US-PATENT-APPL-SN-99175
US-PATENT-CLASS-307-88.3
US-PATENT-CLASS-330-4.5
US-PATENT-3,663,886

N72-25259* c 09 ..... NASA-CASE-GSC-10695-1
US-PATENT-APPL-SN-889422
US-PATENT-CLASS-117-200
US-PATENT-CLASS-136-89
US-PATENT-CLASS-29-198
US-PATENT-3,664,874

N72-25260* c 09 ..... NASA-CASE-NPO-11283
US-PATENT-APPL-SN-118270
US-PATENT-CLASS-310-4
US-PATENT-3,663,839

N72-25261* c 09 ..... NASA-CASE-ERC-10224
US-PATENT-APPL-SN-868775
US-PATENT-CLASS-29-492
US-PATENT-CLASS-29-497
US-PATENT-CLASS-29-498
US-PATENT-CLASS-29-502
US-PATENT-CLASS-29-589
US-PATENT-CLASS-29-628
US-PATENT-3,665,589

N72-25262* c 09 ..... NASA-CASE-NPO-11078
US-PATENT-APPL-SN-82280
US-PATENT-CLASS-307-103
US-PATENT-CLASS-307-83
US-PATENT-CLASS-323-48
US-PATENT-CLASS-323-82
US-PATENT-3,663,828

N72-25284* c 11 ..... NASA-CASE-LAR-10507-1
US-PATENT-APPL-SN-874177
US-PATENT-CLASS-195-127
US-PATENT-3,649,462

N72-25287* c 11 ..... NASA-CASE-LAR-10546-1
US-PATENT-APPL-SN-32664
US-PATENT-CLASS-287-54A
US-PATENT-CLASS-52-648
US-PATENT-CLASS-52-655
US-PATENT-3,665,670

N72-25288* c 11 ..... NASA-CASE-MFS-20434
US-PATENT-APPL-SN-55534
US-PATENT-CLASS-73-140
US-PATENT-CLASS-73-161
US-PATENT-3,665,758

N72-25292* c 12 ..... NASA-CASE-NPO-11556
US-PATENT-APPL-SN-82648
US-PATENT-CLASS-210-188
US-PATENT-CLASS-310-11
US-PATENT-3,648,083

N72-25323* c 13 ..... NASA-CASE-NPO-11373
US-PATENT-APPL-SN-81095
US-PATENT-CLASS-73-421.5R
US-PATENT-CLASS-73-422GC
US-PATENT-CLASS-73-422TC
US-PATENT-3,662,604

N72-25409* c 14 ..... NASA-CASE-ERC-10174
US-PATENT-APPL-SN-39344
US-PATENT-CLASS-250-209
US-PATENT-CLASS-250-226
US-PATENT-CLASS-250-83.3UV
US-PATENT-CLASS-350-203
US-PATENT-3,657,549

N72-25410* c 14 ..... NASA-CASE-ERC-10292
US-PATENT-APPL-SN-45519
US-PATENT-CLASS-350-160R
US-PATENT-CLASS-73-515
US-PATENT-CLASS-73-521
US-PATENT-3,657,928

N72-25411* c 14 ..... NASA-CASE-MSC-15626-1
US-PATENT-APPL-SN-94374
US-PATENT-CLASS-116-114AH
US-PATENT-CLASS-73-12
US-PATENT-CLASS-73-492
US-PATENT-3,656,352

N72-25412* c 14 ..... NASA-CASE-MFS-15063
US-PATENT-APPL-SN-51477
US-PATENT-CLASS-178-DIG.8
US-PATENT-CLASS-178-6.8
US-PATENT-CLASS-340-227R
US-PATENT-3,659,043

N72-25413* c 14 ..... NASA-CASE-GSC-10879-1
US-PATENT-APPL-SN-889420
US-PATENT-CLASS-195-127
US-PATENT-3,666,631

N72-25414* c 14 ..... NASA-CASE-NPO-11311
US-PATENT-APPL-SN-57252
US-PATENT-CLASS-178-7.92
US-PATENT-CLASS-350-175FS
US-PATENT-3,663,753

N72-25428* # c 14 ..... NASA-CASE-HQN-10756-1
US-PATENT-APPL-SN-236052

N72-25447* c 15 ..... NASA-CASE-LEW-10489-1
US-PATENT-APPL-SN-889682
US-PATENT-CLASS-117-107
US-PATENT-CLASS-117-211
US-PATENT-CLASS-117-217
US-PATENT-CLASS-117-62
US-PATENT-CLASS-117-93.16D
US-PATENT-CLASS-29-599
US-PATENT-3,649,356

N72-25448* c 15 ..... NASA-CASE-LEW-10450-1
US-PATENT-APPL-SN-880271
US-PATENT-CLASS-75-0.5BB
US-PATENT-CLASS-75-206
US-PATENT-CLASS-75-213
US-PATENT-3,649,242

N72-25450* c 15 ..... NASA-CASE-NPO-11202
US-PATENT-APPL-SN-66004
US-PATENT-CLASS-285-DIG.21
US-PATENT-CLASS-285-3
US-PATENT-CLASS-285-316
US-PATENT-CLASS-285-33
US-PATENT-CLASS-339-45M
US-PATENT-CLASS-339-91B
US-PATENT-3,656,781

N72-25451* c 15 ..... NASA-CASE-NPO-10606
US-PATENT-APPL-SN-8636
US-PATENT-CLASS-251-360
US-PATENT-3,658,295

N72-25452* c 15 ..... NASA-CASE-LEW-10965-1
US-PATENT-APPL-SN-876588
US-PATENT-CLASS-117-124C
US-PATENT-CLASS-117-152
US-PATENT-CLASS-117-16R
US-PATENT-CLASS-117-37
US-PATENT-CLASS-117-47R
US-PATENT-CLASS-117-62
US-PATENT-CLASS-117-93.3
US-PATENT-CLASS-204-157.18AG
US-PATENT-CLASS-204-49
US-PATENT-CLASS-250-65F
US-PATENT-CLASS-96-36.2
US-PATENT-3,658,569

N72-25453* c 15 ..... NASA-CASE-KSC-10513
US-PATENT-APPL-SN-61535
US-PATENT-CLASS-187-1
US-PATENT-CLASS-187-20
US-PATENT-CLASS-187-95
US-PATENT-CLASS-254-190
US-PATENT-3,666,051

N72-25454* c 15 ..... NASA-CASE-MSC-12233-1
US-PATENT-APPL-SN-73422
US-PATENT-CLASS-52-169
US-PATENT-CLASS-52-173
US-PATENT-CLASS-52-594
US-PATENT-3,665,669

N72-25455* c 15 ..... NASA-CASE-NPO-11095
US-PATENT-APPL-SN-19585
US-PATENT-CLASS-239-424
US-PATENT-CLASS-60-258
US-PATENT-CLASS-60-39.74A
US-PATENT-3,662,547

N72-25456* c 15 ..... NASA-CASE-NPO-11222
US-PATENT-APPL-SN-59893
US-PATENT-CLASS-310-68

US-PATENT-CLASS-310-80
US-PATENT-CLASS-310-83
US-PATENT-3,660,704

N72-25457* c 15 ..... NASA-CASE-ERC-10325
US-PATENT-APPL-SN-43884
US-PATENT-CLASS-324-158D
US-PATENT-CLASS-324-158T
US-PATENT-3,665,307

N72-25485* c 16 ..... NASA-CASE-ERC-10283
US-PATENT-APPL-SN-39185
US-PATENT-CLASS-331-94.5
US-PATENT-CLASS-332-7.51
US-PATENT-3,659,225

N72-25539* c 18 ..... NASA-CASE-LEW-10424-2-2
US-PATENT-APPL-SN-15222
US-PATENT-CLASS-75-DIG.1
US-PATENT-CLASS-75-208
US-PATENT-CLASS-75-211
US-PATENT-CLASS-75-226
US-PATENT-3,653,882

N72-25540* c 18 ..... NASA-CASE-ERC-10364
US-PATENT-APPL-SN-55537
US-PATENT-CLASS-161-127
US-PATENT-CLASS-161-68
US-PATENT-CLASS-161-7
US-PATENT-CLASS-52-DIG.10
US-PATENT-CLASS-52-80
US-PATENT-3,663,347

N72-25541* c 18 ..... NASA-CASE-ERC-10363
US-PATENT-APPL-SN-57253
US-PATENT-CLASS-161-127
US-PATENT-CLASS-161-68
US-PATENT-CLASS-161-7
US-PATENT-CLASS-52-DIG.10
US-PATENT-CLASS-52-80
US-PATENT-3,663,346

N72-25595* c 21 ..... NASA-CASE-MSC-13397-1
US-PATENT-APPL-SN-59966
US-PATENT-CLASS-244-1SA
US-PATENT-CLASS-244-23A
US-PATENT-3,662,973

N72-25619* c 23 ..... NASA-CASE-NPO-10634
US-PATENT-APPL-SN-112999
US-PATENT-CLASS-62-475
US-PATENT-CLASS-62-6
US-PATENT-CLASS-62-80
US-PATENT-CLASS-62-85
US-PATENT-3,656,313

N72-25679* c 26 ..... NASA-CASE-XER-07895
US-PATENT-APPL-SN-651627
US-PATENT-CLASS-317-234J
US-PATENT-CLASS-317-235A
US-PATENT-CLASS-317-235AJ
US-PATENT-CLASS-317-235R
US-PATENT-CLASS-331-107G
US-PATENT-3,667,010

N72-25680* c 26 ..... NASA-CASE-ERC-10275
US-PATENT-APPL-SN-47061
US-PATENT-CLASS-324-92
US-PATENT-CLASS-324-96
US-PATENT-CLASS-340-324R
US-PATENT-CLASS-350-150
US-PATENT-CLASS-350-160R
US-PATENT-3,667,039

N72-25699* c 27 ..... NASA-CASE-NPO-12000
US-PATENT-APPL-SN-74861
US-PATENT-CLASS-149-19
US-PATENT-CLASS-149-20
US-PATENT-CLASS-149-36
US-PATENT-CLASS-149-92
US-PATENT-3,658,608

N72-25842* c 31 ..... NASA-CASE-MSC-12372-1
US-PATENT-APPL-SN-64391
US-PATENT-CLASS-95-12.5
US-PATENT-3,662,661

N72-25877* c 32 ..... NASA-CASE-LAR-10270-1
US-PATENT-APPL-SN-60881
US-PATENT-CLASS-73-100
US-PATENT-CLASS-73-15.6
US-PATENT-3,665,751

N72-25911* c 33 ..... NASA-CASE-LEW-10359
US-PATENT-APPL-SN-47063
US-PATENT-CLASS-102-105
US-PATENT-CLASS-60-200A
US-PATENT-CLASS-60-265
US-PATENT-CLASS-60-267
US-PATENT-CLASS-62-467
US-PATENT-3,656,317

N72-25913* c 33 ..... NASA-CASE-XMS-09690
US-PATENT-APPL-SN-853641
US-PATENT-CLASS-73-15R
US-PATENT-3,665,750

N72-26031* c 03 ..... NASA-CASE-NPO-10753
US-PATENT-APPL-SN-844355
US-PATENT-CLASS-136-202
US-PATENT-3,666,566

N72-26371* c 15 ..... NASA-CASE-NPO-10244
US-PATENT-APPL-SN-43327
US-PATENT-CLASS-308-2A
US-PATENT-CLASS-73-136R
US-PATENT-3,664,185

N72-27053* c 03 ..... NASA-CASE-GSC-10344-1
US-PATENT-APPL-SN-785078
US-PATENT-CLASS-136-89
US-PATENT-3,672,999

N72-27102* c 05 ..... NASA-CASE-LAR-10365-1
US-PATENT-APPL-SN-3151
US-PATENT-CLASS-210-103
US-PATENT-CLASS-210-104
US-PATENT-CLASS-210-110
US-PATENT-CLASS-210-137
US-PATENT-3,670,890

N72-27103* c 05 ..... NASA-CASE-MSC-13648
US-PATENT-APPL-SN-87222
US-PATENT-CLASS-128-DIG.4
US-PATENT-CLASS-128-2.1E
US-PATENT-CLASS-128-417
US-PATENT-3,669,110

N72-27144* c 06 ..... NASA-CASE-NPO-10768-2
US-PATENT-APPL-SN-770398
US-PATENT-APPL-SN-99524
US-PATENT-CLASS-260-535H
US-PATENT-CLASS-260-77.5AP
US-PATENT-3,671,497

N72-27151*# c 06 ..... NASA-CASE-NPO-10767-2
US-PATENT-APPL-SN-241061

N72-27226* c 09 ..... NASA-CASE-LEW-10330-1
US-PATENT-APPL-SN-110402
US-PATENT-CLASS-336-198
US-PATENT-CLASS-336-220
US-PATENT-CLASS-336-60
US-PATENT-3,648,209

N72-27227* c 09 ..... NASA-CASE-KSC-10644
US-PATENT-APPL-SN-114849
US-PATENT-CLASS-307-118
US-PATENT-CLASS-307-92
US-PATENT-CLASS-340-240
US-PATENT-3,673,424

N72-27228* c 09 ..... NASA-CASE-NPO-10542
US-PATENT-APPL-SN-767741
US-PATENT-CLASS-310-4
US-PATENT-3,673,440

N72-27246* c 10 ..... NASA-CASE-ERC-10015-2
US-PATENT-APPL-SN-763744
US-PATENT-APPL-SN-97343
US-PATENT-CLASS-313-309
US-PATENT-CLASS-313-336
US-PATENT-CLASS-313-351
US-PATENT-CLASS-315-36
US-PATENT-3,671,798

N72-27262* c 11 ..... NASA-CASE-MFS-20620
US-PATENT-APPL-SN-154935
US-PATENT-CLASS-73-117.1
US-PATENT-CLASS-73-432SD
US-PATENT-3,670,564

N72-27408* c 14 ..... NASA-CASE-NPO-11147
US-PATENT-APPL-SN-63195
US-PATENT-CLASS-324-79R
US-PATENT-CLASS-328-189
US-PATENT-CLASS-331-44
US-PATENT-3,670,241

N72-27409* c 14 ..... NASA-CASE-NPO-11201
US-PATENT-APPL-SN-77220
US-PATENT-CLASS-250-203R
US-PATENT-CLASS-250-225
US-PATENT-CLASS-350-147
US-PATENT-CLASS-356-141
US-PATENT-CLASS-356-152
US-PATENT-3,670,168

N72-27410* c 14 ..... NASA-CASE-XLE-05230
US-PATENT-APPL-SN-877717
US-PATENT-CLASS-136-233
US-PATENT-3,671,329

N72-27411* c 14 ..... NASA-CASE-MSC-12293-1
US-PATENT-APPL-SN-59956
US-PATENT-CLASS-250-205
US-PATENT-CLASS-315-151
US-PATENT-CLASS-315-156
US-PATENT-CLASS-315-158
US-PATENT-CLASS-315-297
US-PATENT-CLASS-315-307
US-PATENT-CLASS-315-310
US-PATENT-CLASS-315-311
US-PATENT-3,670,202

N72-27412* c 14 ..... NASA-CASE-MFS-20523
US-PATENT-APPL-SN-77786
US-PATENT-CLASS-73-103
US-PATENT-CLASS-73-71.6
US-PATENT-3,670,563

N72-27484* c 15 ..... NASA-CASE-NPO-10721
US-PATENT-APPL-SN-59968
US-PATENT-CLASS-248-188.4
US-PATENT-3,669,393

N72-27485* c 15 ..... NASA-CASE-XLA-09843
US-PATENT-APPL-SN-60876
US-PATENT-CLASS-83-522
US-PATENT-CLASS-83-562
US-PATENT-CLASS-83-563
US-PATENT-CLASS-83-588
US-PATENT-CLASS-83-8
US-PATENT-3,668,956

N72-27728* c 23 ..... NASA-CASE-ARC-10160-1
US-PATENT-APPL-SN-867842
US-PATENT-CLASS-178-DIG.20
US-PATENT-CLASS-178-6.5
US-PATENT-CLASS-350-138
US-PATENT-3,670,097

N72-27784* c 26 ..... NASA-CASE-LAR-10836-1
US-PATENT-APPL-SN-138227
US-PATENT-CLASS-350-161
US-PATENT-3,671,105

N72-27959* c 33 ..... NASA-CASE-LAR-10800-1
US-PATENT-APPL-SN-154094
US-PATENT-CLASS-73-35
US-PATENT-3,670,559

N72-28025* c 03 ..... NASA-CASE-NPO-10633
US-PATENT-APPL-SN-885521
US-PATENT-CLASS-165-20
US-PATENT-CLASS-165-3
US-PATENT-CLASS-62-93
US-PATENT-3,675,712

N72-28225* c 09 ..... NASA-CASE-MFS-20757
US-PATENT-APPL-SN-136006
US-PATENT-CLASS-339-176MF
US-PATENT-CLASS-339-218M
US-PATENT-CLASS-339-75MP
US-PATENT-CLASS-339-94M
US-PATENT-3,670,290

N72-28240* c 10 ..... NASA-CASE-ARC-10265-1
US-PATENT-APPL-SN-64709
US-PATENT-CLASS-324-41
US-PATENT-CLASS-340-258
US-PATENT-3,676,772

N72-28241* c 10 ..... NASA-CASE-GSC-10786-1
US-PATENT-APPL-SN-773072
US-PATENT-CLASS-330-29
US-PATENT-3,533,006

N72-28436* c 14 ..... NASA-CASE-XLA-06683
US-PATENT-APPL-SN-10827
US-PATENT-CLASS-33-1SA
US-PATENT-CLASS-33-75R
US-PATENT-3,675,332

N72-28437* c 14 ..... NASA-CASE-ERC-10081
US-PATENT-APPL-SN-877990
US-PATENT-CLASS-325-363
US-PATENT-CLASS-343-100ME
US-PATENT-CLASS-343-112D
US-PATENT-CLASS-73-355
US-PATENT-3,665,467

N72-28438* c 14 ..... NASA-CASE-XLA-04980-2
US-PATENT-APPL-SN-577548
US-PATENT-APPL-SN-763040
US-PATENT-CLASS-148-187
US-PATENT-3,549,435

N72-28495* c 15 ..... NASA-CASE-MFS-14405
US-PATENT-APPL-SN-73283
US-PATENT-CLASS-214-1CM
US-PATENT-CLASS-74-469
US-PATENT-3,631,737

N72-28496* c 15 ..... NASA-CASE-MFS-20433
US-PATENT-APPL-SN-114847
US-PATENT-CLASS-52-1
US-PATENT-CLASS-52-573
US-PATENT-3,675,376

N72-28521* c 16 ..... NASA-CASE-NPO-11437
US-PATENT-APPL-SN-63144
US-PATENT-CLASS-330-4
US-PATENT-CLASS-331-94
US-PATENT-3,676,787

N72-28535* c 17 ..... NASA-CASE-XLE-06461-2
US-PATENT-APPL-SN-156778
US-PATENT-APPL-SN-853855
US-PATENT-CLASS-266-24
US-PATENT-3,675,910

N72-28536* c 17 ..... NASA-CASE-XLE-03940-2
US-PATENT-APPL-SN-539255
US-PATENT-APPL-SN-793657
US-PATENT-CLASS-29-182.5
US-PATENT-3,676,084

N72-28761* c 26 ..... NASA-CASE-NPO-11775
US-PATENT-APPL-SN-162230
US-PATENT-CLASS-29-570
US-PATENT-CLASS-317-230
US-PATENT-CLASS-317-261
US-PATENT-3,676,754

N72-28762* c 26 ..... NASA-CASE-LAR-10294-1
US-PATENT-APPL-SN-796685
US-PATENT-CLASS-106-39

US-PATENT-CLASS-106-46
US-PATENT-CLASS-117-212
US-PATENT-CLASS-117-217
US-PATENT-CLASS-29-25.42
US-PATENT-3,649,353

N72-29172* c 09 ..... NASA-CASE-LAR-10511-1
US-PATENT-APPL-SN-41345
US-PATENT-CLASS-333-24R
US-PATENT-CLASS-333-98P
US-PATENT-CLASS-333-98R
US-PATENT-3,676,809

N72-29464* c 14 ..... NASA-CASE-ARC-10017-1
US-PATENT-APPL-SN-55536
US-PATENT-CLASS-250-41.9D
US-PATENT-CLASS-250-71.5R
US-PATENT-CLASS-313-356
US-PATENT-3,676,674

N72-29488* c 15 ..... NASA-CASE-XLE-10326-2
US-PATENT-APPL-SN-54540
US-PATENT-APPL-SN-723465
US-PATENT-CLASS-277-25
US-PATENT-CLASS-277-27
US-PATENT-CLASS-277-74
US-PATENT-3,675,935

N72-31140* c 06 ..... NASA-CASE-MSC-13335-1
US-PATENT-APPL-SN-55806
US-PATENT-CLASS-55-16
US-PATENT-CLASS-55-55
US-PATENT-3,678,654

N72-31141* c 06 ..... NASA-CASE-ARC-10308-1
US-PATENT-APPL-SN-134568
US-PATENT-CLASS-250-43.5R
US-PATENT-CLASS-356-51
US-PATENT-3,679,899

N72-31226* c 08 ..... NASA-CASE-NPO-11016
US-PATENT-APPL-SN-889584
US-PATENT-CLASS-235-150.1
US-PATENT-CLASS-235-151.1
US-PATENT-CLASS-235-92MT
US-PATENT-CLASS-323-19
US-PATENT-CLASS-340-347AD
US-PATENT-3,681,581

N72-31235* c 09 ..... NASA-CASE-ERC-10214
US-PATENT-APPL-SN-863914
US-PATENT-CLASS-343-770
US-PATENT-CLASS-343-771
US-PATENT-CLASS-343-786
US-PATENT-CLASS-343-797
US-PATENT-CLASS-343-853
US-PATENT-3,680,142

N72-31273* c 10 ..... NASA-CASE-KSC-10647-1
US-PATENT-APPL-SN-774691
US-PATENT-CLASS-178-7.5E
US-PATENT-CLASS-315-22R
US-PATENT-CLASS-315-30R
US-PATENT-CLASS-330-27R
US-PATENT-3,678,191

N72-31446* c 14 ..... NASA-CASE-ERC-10087-2
US-PATENT-APPL-SN-738315
US-PATENT-APPL-SN-91642
US-PATENT-CLASS-29-588
US-PATENT-CLASS-317-234D
US-PATENT-CLASS-317-234G
US-PATENT-CLASS-317-235M
US-PATENT-CLASS-317-235R
US-PATENT-3,686,542

N72-31483* c 15 ..... NASA-CASE-LAR-10061-1
US-PATENT-APPL-SN-104047
US-PATENT-CLASS-251-331
US-PATENT-CLASS-251-86
US-PATENT-3,680,830

N72-31637* c 21 ..... NASA-CASE-GSC-10945-1
US-PATENT-APPL-SN-75431
US-PATENT-CLASS-60-23
US-PATENT-CLASS-60-26
US-PATENT-3,678,685

N72-32169* c 07 ..... NASA-CASE-NPO-11361
US-PATENT-APPL-SN-112988
US-PATENT-CLASS-343-781
US-PATENT-CLASS-343-837
US-PATENT-CLASS-343-840
US-PATENT-CLASS-343-915
US-PATENT-3,680,144

N72-32452* c 14 ..... NASA-CASE-MFS-15162
US-PATENT-APPL-SN-100639
US-PATENT-CLASS-350-79
US-PATENT-CLASS-356-241
US-PATENT-3,694,094

N72-32487* c 15 ..... NASA-CASE-LAR-10541-1
US-PATENT-APPL-SN-138229
US-PATENT-CLASS-118-49.1
US-PATENT-CLASS-204-298
US-PATENT-CLASS-219-121P
US-PATENT-CLASS-219-273
US-PATENT-3,690,291

N72-32688* c 25 ..... NASA-CASE-MFS-20589
US-PATENT-APPL-SN-103077
US-PATENT-CLASS-313-231
US-PATENT-CLASS-315-111
US-PATENT-3,693,002

N72-33072* c 04 ..... NASA-CASE-ERC-10338
US-PATENT-APPL-SN-50339
US-PATENT-CLASS-23-109
US-PATENT-3,679,360

N72-33096* c 05 ..... NASA-CASE-MSC-13540-1
US-PATENT-APPL-SN-68023
US-PATENT-CLASS-99-80PS
US-PATENT-3,692,533

N72-33146* c 07 ..... NASA-CASE-MSC-12259-2
US-PATENT-APPL-SN-61895
US-PATENT-APPL-SN-853763
US-PATENT-CLASS-325-373
US-PATENT-3,694,753

N72-33172* c 08 ..... NASA-CASE-NPO-11630
US-PATENT-APPL-SN-143078
US-PATENT-CLASS-179-15.55R
US-PATENT-3,694,581

N72-33204* c 09 ..... NASA-CASE-NPO-11129
US-PATENT-APPL-SN-883523
US-PATENT-CLASS-307-262
US-PATENT-CLASS-307-295
US-PATENT-CLASS-328-155
US-PATENT-CLASS-328-24
US-PATENT-3,621,406

N72-33205* c 09 ..... NASA-CASE-GSC-10835-1
US-PATENT-APPL-SN-116778
US-PATENT-CLASS-317-101A
US-PATENT-CLASS-317-235
US-PATENT-CLASS-317-235A
US-PATENT-CLASS-317-235AJ
US-PATENT-3,694,700

N72-33230* c 10 ..... NASA-CASE-GSC-11340-1
US-PATENT-APPL-SN-107379
US-PATENT-CLASS-330-12
US-PATENT-CLASS-331-115
US-PATENT-CLASS-331-116R
US-PATENT-CLASS-333-80T
US-PATENT-3,693,105

N72-33377* c 14 ..... NASA-CASE-MFS-20760
US-PATENT-APPL-SN-99174
US-PATENT-CLASS-73-141AB
US-PATENT-CLASS-73-85
US-PATENT-3,693,418

N72-33476* c 15 ..... NASA-CASE-XGS-07805
US-PATENT-APPL-SN-104884
US-PATENT-CLASS-308-10
US-PATENT-3,694,041

N72-33477* c 15 ..... NASA-CASE-NPO-11340
US-PATENT-APPL-SN-147997
US-PATENT-CLASS-137-13
US-PATENT-CLASS-137-81.5
US-PATENT-CLASS-60-1
US-PATENT-CLASS-60-36
US-PATENT-3,693,346

N72-33681* c 24 ..... NASA-CASE-LEW-10518-1
US-PATENT-APPL-SN-863280
US-PATENT-CLASS-176-11
US-PATENT-3,694,313

N72-33696* c 25 ..... NASA-CASE-GSC-11291-1
US-PATENT-APPL-SN-102412
US-PATENT-CLASS-250-83.6R
US-PATENT-3,694,655

N73-12175* c 08 ..... NASA-CASE-NPO-11406
US-PATENT-APPL-SN-95183
US-PATENT-CLASS-235-152
US-PATENT-CLASS-331-78
US-PATENT-CLASS-340-146.1AL
US-PATENT-3,700,869

N73-12176* c 08 ..... NASA-CASE-KSC-10595
US-PATENT-APPL-SN-98772
US-PATENT-CLASS-235-155
US-PATENT-CLASS-340-347DD
US-PATENT-3,697,733

N73-12177* c 08 ..... NASA-CASE-NPO-11371
US-PATENT-APPL-SN-117575
US-PATENT-CLASS-340-146.1AQ
US-PATENT-CLASS-340-146.1AV
US-PATENT-3,697,950

N73-12211* c 09 ..... NASA-CASE-ERC-10412-1
US-PATENT-APPL-SN-72024
US-PATENT-CLASS-343-11R
US-PATENT-CLASS-343-11VB
US-PATENT-CLASS-343-5DP
US-PATENT-3,696,418

N73-12214*# c 09 ..... NASA-CASE-NPO-13091-1
US-PATENT-APPL-SN-290022

N73-12244* c 10 ..... NASA-CASE-NPO-11631
US-PATENT-APPL-SN-123253
US-PATENT-CLASS-179-1P
US-PATENT-CLASS-325-473
US-PATENT-CLASS-325-480
US-PATENT-3,700,812

N73-12264* c 11 ..... NASA-CASE-LAR-10348-1
US-PATENT-APPL-SN-70032
US-PATENT-CLASS-73-147
US-PATENT-3,695,101

N73-12265* c 11 ..... NASA-CASE-NPO-10890
US-PATENT-APPL-SN-99903
US-PATENT-CLASS-137-559
US-PATENT-CLASS-219-203
US-PATENT-CLASS-219-522
US-PATENT-CLASS-52-171
US-PATENT-3,696,833

N73-12444* c 14 ..... NASA-CASE-GSC-10903-1
US-PATENT-APPL-SN-114846
US-PATENT-CLASS-250-41.9G
US-PATENT-CLASS-250-41.9S
US-PATENT-CLASS-73-421.5
US-PATENT-3,700,893

N73-12445* c 14 ..... NASA-CASE-LAR-10728-1
US-PATENT-APPL-SN-112998
US-PATENT-CLASS-250-83.3H
US-PATENT-CLASS-250-83.3R
US-PATENT-CLASS-250-83R
US-PATENT-3,700,897

N73-12446* c 14 ..... NASA-CASE-NPO-11239
US-PATENT-APPL-SN-89211
US-PATENT-CLASS-356-106
US-PATENT-CLASS-356-114
US-PATENT-3,700,334

N73-12447* c 14 ..... NASA-CASE-NPO-11493
US-PATENT-APPL-SN-151413
US-PATENT-CLASS-136-224
US-PATENT-3,700,503

N73-12486* c 15 ..... NASA-CASE-KSC-10615
US-PATENT-APPL-SN-103078
US-PATENT-CLASS-244-1SB
US-PATENT-CLASS-244-135
US-PATENT-CLASS-62-45
US-PATENT-CLASS-62-7
US-PATENT-3,697,021

N73-12487* c 15 ..... NASA-CASE-FRC-10019
US-PATENT-APPL-SN-880398
US-PATENT-CLASS-204-192
US-PATENT-3,700,575

N73-12488* c 15 ..... NASA-CASE-ARC-10345-1
US-PATENT-APPL-SN-193671
US-PATENT-CLASS-287-85R
US-PATENT-CLASS-308-2A
US-PATENT-CLASS-74-5F
US-PATENT-3,700,291

N73-12489* c 15 ..... NASA-CASE-MSC-12357
US-PATENT-APPL-SN-662763
US-PATENT-CLASS-264-102
US-PATENT-CLASS-264-28
US-PATENT-CLASS-264-36
US-PATENT-CLASS-264-40
US-PATENT-3,697,630

N73-12492*# c 15 ..... NASA-CASE-XLA-08914
US-PATENT-APPL-SN-810576

N73-12495*# c 15 ..... NASA-CASE-NPO-13086-1
US-PATENT-APPL-SN-292477

N73-12547* c 17 ..... NASA-CASE-LAR-10539-1
US-PATENT-APPL-SN-136085
US-PATENT-CLASS-23-230R
US-PATENT-3,701,631

N73-12604* c 18 ..... NASA-CASE-MFS-20408
US-PATENT-APPL-SN-71048
US-PATENT-CLASS-161-93
US-PATENT-3,700,538

N73-12884* c 30 ..... NASA-CASE-MSC-12391
US-PATENT-APPL-SN-106465
US-PATENT-CLASS-244-155
US-PATENT-3,700,193

N73-13008* c 02 ..... NASA-CASE-GSC-11077-1
US-PATENT-APPL-SN-127618
US-PATENT-CLASS-244-32
US-PATENT-3,698,667

N73-13114* c 05 ..... NASA-CASE-MSC-13604-1
US-PATENT-APPL-SN-78717
US-PATENT-CLASS-128-2N
US-PATENT-CLASS-273-1E
US-PATENT-CLASS-35-22R
US-PATENT-3,698,385

N73-13128* c 06 ..... NASA-CASE-GSC-11214-1
US-PATENT-APPL-SN-115134
US-PATENT-CLASS-117-35R
US-PATENT-3,702,775

N73-13129* c 06 ..... NASA-CASE-XNP-08124-2
US-PATENT-APPL-SN-97829
US-PATENT-CLASS-75-66
US-PATENT-3,702,762

N73-13149* c 07 ..... NASA-CASE-NPO-11302-1
US-PATENT-APPL-SN-70967
US-PATENT-CLASS-178-69.5
US-PATENT-CLASS-235-150.53
US-PATENT-CLASS-235-181
US-PATENT-CLASS-325-325

US-PATENT-CLASS-340-146.1
US-PATENT-3,701,894

N73-13187* c 08 ..... NASA-CASE-GSC-10975-1
US-PATENT-APPL-SN-100996
US-PATENT-CLASS-340-172.5
US-PATENT-3,702,463

N73-13208* c 09 ..... NASA-CASE-LEW-11192-1
US-PATENT-APPL-SN-198285
US-PATENT-CLASS-315-3.5
US-PATENT-CLASS-315-5.38
US-PATENT-3,702,951

N73-13209* c 09 ..... NASA-CASE-XLA-05099
US-PATENT-APPL-SN-98798
US-PATENT-CLASS-235-152
US-PATENT-CLASS-307-207
US-PATENT-CLASS-307-215
US-PATENT-3,700,868

N73-13235* c 10 ..... NASA-CASE-KSC-10003
US-PATENT-APPL-SN-60883
US-PATENT-CLASS-178-DIG.6
US-PATENT-CLASS-178-6
US-PATENT-CLASS-307-242
US-PATENT-CLASS-307-259
US-PATENT-CLASS-328-104
US-PATENT-CLASS-328-154
US-PATENT-3,702,898

N73-13257* c 11 ..... NASA-CASE-LAR-10574-1
US-PATENT-APPL-SN-66206
US-PATENT-CLASS-244-1SS
US-PATENT-3,698,659

N73-13415* c 14 ..... NASA-CASE-LAR-10855-1
US-PATENT-APPL-SN-166541
US-PATENT-CLASS-73-147
US-PATENT-CLASS-73-182
US-PATENT-CLASS-73-189
US-PATENT-CLASS-73-212
US-PATENT-3,699,811

N73-13416* c 14 ..... NASA-CASE-GSC-11302-1
US-PATENT-APPL-SN-168650
US-PATENT-CLASS-73-71.6
US-PATENT-3,699,807

N73-13417* c 14 ..... NASA-CASE-XLE-05230-2
US-PATENT-APPL-SN-147099
US-PATENT-APPL-SN-877717
US-PATENT-CLASS-136-233
US-PATENT-CLASS-29-573
US-PATENT-CLASS-29-624
US-PATENT-3,699,645

N73-13418* c 14 ..... NASA-CASE-MFS-14216
US-PATENT-APPL-SN-50208
US-PATENT-CLASS-137-487.5
US-PATENT-CLASS-137-81
US-PATENT-CLASS-92-49
US-PATENT-3,698,412

N73-13420* c 14 ..... NASA-CASE-NPO-11418-1
US-PATENT-APPL-SN-193947
US-PATENT-CLASS-333-81B
US-PATENT-CLASS-333-98R
US-PATENT-3,702,979

N73-13435*# c 14 ..... NASA-CASE-GSC-11533-1
US-PATENT-APPL-SN-305013

N73-13462* c 15 ..... NASA-CASE-NPO-11479
US-PATENT-APPL-SN-170440
US-PATENT-CLASS-137-608
US-PATENT-CLASS-137-81.5
US-PATENT-CLASS-138-45
US-PATENT-CLASS-251-122
US-PATENT-3,700,005

N73-13463* c 15 ..... NASA-CASE-MFS-20317
US-PATENT-APPL-SN-67730
US-PATENT-CLASS-173-131
US-PATENT-CLASS-72-447
US-PATENT-CLASS-72-476
US-PATENT-3,699,799

N73-13464* c 15 ..... NASA-CASE-NPO-10812
US-PATENT-APPL-SN-129073
US-PATENT-CLASS-425-113
US-PATENT-CLASS-425-133
US-PATENT-CLASS-425-176
US-PATENT-CLASS-72-258
US-PATENT-3,698,848

N73-13465* c 15 ..... NASA-CASE-LEW-10805-1
US-PATENT-APPL-SN-29917
US-PATENT-CLASS-148-11.5R
US-PATENT-3,702,791

N73-13466* c 15 ..... NASA-CASE-MFS-20944
US-PATENT-APPL-SN-148756
US-PATENT-CLASS-91-363A
US-PATENT-CLASS-91-448
US-PATENT-3,702,575

N73-13467* c 15 ..... NASA-CASE-NPO-11369
US-PATENT-APPL-SN-129072
US-PATENT-CLASS-60-1
US-PATENT-CLASS-60-23
US-PATENT-CLASS-60-37
US-PATENT-3,702,532

N73-13489* c 16 ..... NASA-CASE-HQN-10654-1
US-PATENT-APPL-SN-182978
US-PATENT-CLASS-324-.5R
US-PATENT-CLASS-331-94
US-PATENT-3,702,972

N73-13562* c 18 ..... NASA-CASE-ARC-10196-1
US-PATENT-APPL-SN-115082
US-PATENT-CLASS-260-2.5F
US-PATENT-3,702,841

N73-13643* c 21 ..... NASA-CASE-HQN-10703
US-PATENT-APPL-SN-156724
US-PATENT-CLASS-340-27NA
US-PATENT-CLASS-340-33
US-PATENT-CLASS-340-97
US-PATENT-CLASS-343-112CA
US-PATENT-3,699,511

N73-13644* c 21 ..... NASA-CASE-NPO-11481
US-PATENT-APPL-SN-134571
US-PATENT-CLASS-179-100.2A
US-PATENT-CLASS-340-174.1R
US-PATENT-CLASS-346-138
US-PATENT-CLASS-346-74MD
US-PATENT-CLASS-74-5.22
US-PATENT-3,697,968

N73-13660* c 23 ..... NASA-CASE-MFS-20809
US-PATENT-APPL-SN-173185
US-PATENT-CLASS-315-169R
US-PATENT-CLASS-315-169TV
US-PATENT-CLASS-317-101A
US-PATENT-3,700,961

N73-13661* c 23 ..... NASA-CASE-MSC-12404-1
US-PATENT-APPL-SN-142662
US-PATENT-CLASS-356-106S
US-PATENT-3,702,735

N73-13662* c 23 ..... NASA-CASE-MFS-20243
US-PATENT-APPL-SN-59894
US-PATENT-CLASS-250-51.5
US-PATENT-CLASS-250-52
US-PATENT-3,702,933

N73-13773* c 28 ..... NASA-CASE-LEW-10374-1
US-PATENT-APPL-SN-107380
US-PATENT-CLASS-137-81.5
US-PATENT-CLASS-60-211
US-PATENT-CLASS-60-240
US-PATENT-CLASS-60-243
US-PATENT-3,702,536

N73-13898* c 31 ..... NASA-CASE-LAR-10549-1
US-PATENT-APPL-SN-108824
US-PATENT-CLASS-244-139
US-PATENT-CLASS-60-291
US-PATENT-3,700,192

N73-13921* c 32 ..... NASA-CASE-MSC-12233-2
US-PATENT-APPL-SN-107298
US-PATENT-CLASS-229-DIG.11
US-PATENT-CLASS-52-284
US-PATENT-CLASS-52-594
US-PATENT-3,702,520

N73-14130* c 07 ..... NASA-CASE-NPO-11661
US-PATENT-APPL-SN-200682
US-PATENT-CLASS-343-782
US-PATENT-CLASS-343-837
US-PATENT-CLASS-343-915
US-PATENT-3,705,406

N73-14214* c 09 ..... NASA-CASE-ARC-10467-1
US-PATENT-APPL-SN-212028
US-PATENT-CLASS-250-205
US-PATENT-CLASS-250-211J
US-PATENT-CLASS-250-217SS
US-PATENT-CLASS-307-310
US-PATENT-CLASS-307-311
US-PATENT-3,705,316

N73-14427* c 14 ..... NASA-CASE-NPO-10758
US-PATENT-APPL-SN-81096
US-PATENT-CLASS-352-169
US-PATENT-CLASS-95-12.5
US-PATENT-CLASS-95-59
US-PATENT-3,704,659

N73-14428* c 14 ..... NASA-CASE-NPO-10764-1
US-PATENT-APPL-SN-836280
US-PATENT-CLASS-252-408
US-PATENT-3,700,603

N73-14429* c 14 ..... NASA-CASE-NPO-11387
US-PATENT-APPL-SN-142719
US-PATENT-CLASS-73-57
US-PATENT-CLASS-73-60
US-PATENT-3,706,221

N73-14468* c 15 ..... NASA-CASE-LAR-10103-1
US-PATENT-APPL-SN-103230
US-PATENT-CLASS-219-101
US-PATENT-CLASS-219-119
US-PATENT-CLASS-29-203V
US-PATENT-3,705,288

N73-14469* c 15 ..... NASA-CASE-GSC-10791-1
US-PATENT-APPL-SN-84289
US-PATENT-CLASS-174-52S
US-PATENT-CLASS-29-589
US-PATENT-CLASS-29-591
US-PATENT-CLASS-317-234A
US-PATENT-CLASS-317-234G
US-PATENT-3,705,255

N73-14584* c 18 ..... NASA-CASE-LAR-10894-1
US-PATENT-APPL-SN-189375
US-PATENT-CLASS-106-39R
US-PATENT-CLASS-106-55
US-PATENT-CLASS-106-58
US-PATENT-CLASS-106-63
US-PATENT-CLASS-264-DIG.36
US-PATENT-CLASS-264-65
US-PATENT-3,706,583

N73-14692* c 21 ..... NASA-CASE-ERC-10392
US-PATENT-APPL-SN-36534
US-PATENT-CLASS-340-27AT
US-PATENT-3,706,970

N73-14853* c 31 ..... NASA-CASE-GSC-10590-1
US-PATENT-APPL-SN-130353
US-PATENT-CLASS-102-49.5
US-PATENT-3,706,281

N73-14854* c 31 ..... NASA-CASE-MSC-12433
US-PATENT-APPL-SN-103551
US-PATENT-CLASS-244-155
US-PATENT-3,702,688

N73-14855* c 31 ..... NASA-CASE-NPO-10680
US-PATENT-APPL-SN-104048
US-PATENT-CLASS-74-2
US-PATENT-3,706,230

N73-15235* c 09 ..... NASA-CASE-NPO-12106
US-PATENT-APPL-SN-175881
US-PATENT-CLASS-317-234V
US-PATENT-CLASS-317-235AG
US-PATENT-CLASS-317-235K
US-PATENT-CLASS-331-107G
US-PATENT-CLASS-331-177R
US-PATENT-CLASS-331-90
US-PATENT-3,694,771

N73-16106* c 06 ..... NASA-CASE-LAR-10668-1
US-PATENT-APPL-SN-172459
US-PATENT-CLASS-23-232E
US-PATENT-CLASS-23-232R
US-PATENT-CLASS-23-254E
US-PATENT-CLASS-23-254R
US-PATENT-CLASS-250-71R
US-PATENT-CLASS-250-83.3UV
US-PATENT-3,709,663

N73-16121* c 07 ..... NASA-CASE-NPO-11572
US-PATENT-APPL-SN-125234
US-PATENT-CLASS-179-15AN
US-PATENT-CLASS-179-15BC
US-PATENT-CLASS-325-60
US-PATENT-CLASS-343-200
US-PATENT-3,710,257

N73-16205* c 10 ..... NASA-CASE-NPO-11282
US-PATENT-APPL-SN-101354
US-PATENT-CLASS-325-346
US-PATENT-CLASS-325-419
US-PATENT-3,710,261

N73-16206* c 10 ..... NASA-CASE-ERC-10285
US-PATENT-APPL-SN-55333
US-PATENT-CLASS-331-45
US-PATENT-CLASS-343-100R
US-PATENT-CLASS-343-100SA
US-PATENT-CLASS-343-853
US-PATENT-3,710,329

N73-16483* c 14 ..... NASA-CASE-ERC-10226-1
US-PATENT-APPL-SN-124909
US-PATENT-APPL-SN-808822
US-PATENT-CLASS-250-209
US-PATENT-CLASS-250-215
US-PATENT-CLASS-250-217
US-PATENT-CLASS-315-153
US-PATENT-CLASS-340-25
US-PATENT-CLASS-340-27R
US-PATENT-3,708,671

N73-16484* c 14 ..... NASA-CASE-LAR-10739-1
US-PATENT-APPL-SN-134567
US-PATENT-CLASS-250-217F
US-PATENT-CLASS-340-228S
US-PATENT-CLASS-340-418
US-PATENT-3,708,674

N73-16536* c 16 ..... NASA-CASE-LAR-10311-1
US-PATENT-APPL-SN-31702
US-PATENT-CLASS-250-199
US-PATENT-CLASS-340-171
US-PATENT-CLASS-350-293
US-PATENT-3,710,122

N73-16764* c 27 ..... NASA-CASE-NPO-12015
US-PATENT-APPL-SN-74862
US-PATENT-CLASS-149-19
US-PATENT-CLASS-149-36
US-PATENT-3,708,359

N73-16918* c 33 ..... NASA-CASE-MSC-15567-1
US-PATENT-APPL-SN-87551
US-PATENT-CLASS-204-324

US-PATENT-CLASS-204-325
US-PATENT-CLASS-204-328
US-PATENT-3,708,419

N73-19004* c 02 ..... NASA-CASE-ERC-10439
US-PATENT-APPL-SN-54271
US-PATENT-CLASS-244-17.13
US-PATENT-CLASS-244-77D
US-PATENT-CLASS-318-489
US-PATENT-3,711,042

N73-19234* c 09 ..... NASA-CASE-GSC-11013-1
US-PATENT-APPL-SN-200717
US-PATENT-CLASS-343-754
US-PATENT-CLASS-343-839
US-PATENT-CLASS-343-854
US-PATENT-CLASS-343-895
US-PATENT-3,713,163

N73-19235* c 09 ..... NASA-CASE-MFS-20407
US-PATENT-APPL-SN-116777
US-PATENT-CLASS-317-235AM
US-PATENT-CLASS-317-235N
US-PATENT-CLASS-317-235R
US-PATENT-CLASS-317-235T
US-PATENT-CLASS-317-235UA
US-PATENT-3,714,526

N73-19419* c 14 ..... NASA-CASE-LAR-10226-1
US-PATENT-APPL-SN-98774
US-PATENT-CLASS-250-217R
US-PATENT-CLASS-95-11.5R
US-PATENT-CLASS-95-11R
US-PATENT-3,712,195

N73-19420* c 14 ..... NASA-CASE-MFS-20774
US-PATENT-APPL-SN-161028
US-PATENT-CLASS-73-84
US-PATENT-3,712,121

N73-19421* c 14 ..... NASA-CASE-MFS-20242
US-PATENT-APPL-SN-213004
US-PATENT-CLASS-73-71.6
US-PATENT-3,712,120

N73-19457* c 15 ..... NASA-CASE-MFS-20698-2
US-PATENT-APPL-SN-136086
US-PATENT-APPL-SN-3418
US-PATENT-CLASS-423-446
US-PATENT-CLASS-423-625
US-PATENT-3,714,332

N73-19458* c 15 ..... NASA-CASE-LAR-10195-1
US-PATENT-APPL-SN-201782
US-PATENT-CLASS-259-4
US-PATENT-3,712,591

N73-19630*# c 21 ..... NASA-CASE-GSC-11188-2
US-PATENT-APPL-SN-244440

N73-19793* c 28 ..... NASA-CASE-LEW-11187-1
US-PATENT-APPL-SN-147922
US-PATENT-CLASS-60-39.28R
US-PATENT-3,713,290

N73-20039* c 03 ..... NASA-CASE-GSC-10814-1
US-PATENT-APPL-SN-41404
US-PATENT-CLASS-244-1SA
US-PATENT-CLASS-244-1SS
US-PATENT-3,715,092

N73-20040* c 03 ..... NASA-CASE-NPO-11771
US-PATENT-APPL-SN-200762
US-PATENT-CLASS-244-1.55
US-PATENT-CLASS-250-212
US-PATENT-CLASS-250-234
US-PATENT-CLASS-60-26
US-PATENT-3,715,600

N73-20137* c 05 ..... NASA-CASE-LAR-10076-1
US-PATENT-APPL-SN-84290
US-PATENT-CLASS-165-46
US-PATENT-CLASS-312-1
US-PATENT-CLASS-62-259
US-PATENT-3,713,480

N73-20174* c 07 ..... NASA-CASE-GSC-10087-4
US-PATENT-APPL-SN-47440
US-PATENT-APPL-SN-701679
US-PATENT-CLASS-325-12
US-PATENT-CLASS-325-17
US-PATENT-CLASS-325-4
US-PATENT-CLASS-325-5
US-PATENT-CLASS-325-63
US-PATENT-CLASS-325-7
US-PATENT-CLASS-325-8
US-PATENT-CLASS-325-9
US-PATENT-CLASS-343-179
US-PATENT-3,715,663

N73-20175* c 07 ..... NASA-CASE-KSC-10698
US-PATENT-APPL-SN-213949
US-PATENT-CLASS-324-72
US-PATENT-CLASS-73-170R
US-PATENT-3,715,660

N73-20176* c 07 ..... NASA-CASE-KSC-10521
US-PATENT-APPL-SN-212921
US-PATENT-CLASS-340-146.1C
US-PATENT-CLASS-340-147R
US-PATENT-CLASS-340-163
US-PATENT-3,715,723

N73-20217* c 08 ..... NASA-CASE-LAR-10128-1
US-PATENT-APPL-SN-84002
US-PATENT-CLASS-235-92FQ
US-PATENT-CLASS-235-92R
US-PATENT-CLASS-235-92T
US-PATENT-CLASS-340-347AD
US-PATENT-3,714,645

N73-20231* c 09 ..... NASA-CASE-ARC-10264-1
US-PATENT-APPL-SN-80368
US-PATENT-CLASS-328-167
US-PATENT-CLASS-330-109
US-PATENT-CLASS-330-86
US-PATENT-3,714,588

N73-20232* c 09 ..... NASA-CASE-MFS-21433
US-PATENT-APPL-SN-236281
US-PATENT-CLASS-307-230
US-PATENT-CLASS-307-304
US-PATENT-CLASS-330-20
US-PATENT-CLASS-330-22
US-PATENT-CLASS-330-30D
US-PATENT-CLASS-330-35
US-PATENT-CLASS-330-40
US-PATENT-CLASS-330-80T
US-PATENT-3,715,693

N73-20253* c 10 ..... NASA-CASE-LAR-10310-1
US-PATENT-APPL-SN-147103
US-PATENT-CLASS-235-197
US-PATENT-3,714,405

N73-20254* c 10 ..... NASA-CASE-NPO-11868
US-PATENT-APPL-SN-192101
US-PATENT-CLASS-307-221R
US-PATENT-CLASS-328-187
US-PATENT-CLASS-328-37
US-PATENT-CLASS-328-61
US-PATENT-3,718,863

N73-20267* c 11 ..... NASA-CASE-MFS-21362
US-PATENT-APPL-SN-211411
US-PATENT-CLASS-73-432SD
US-PATENT-3,714,833

N73-20474* c 14 ..... NASA-CASE-ERC-10350
US-PATENT-APPL-SN-55535
US-PATENT-CLASS-340-27R
US-PATENT-3,714,624

N73-20475* c 14 ..... NASA-CASE-LAR-10726-1
US-PATENT-APPL-SN-146935
US-PATENT-CLASS-250-231
US-PATENT-CLASS-250-83.3H
US-PATENT-3,714,432

N73-20476* c 14 ..... NASA-CASE-MFS-20673
US-PATENT-APPL-SN-94049
US-PATENT-CLASS-73-90
US-PATENT-CLASS-73-91
US-PATENT-3,714,821

N73-20477* c 14 ..... NASA-CASE-ARC-10443-1
US-PATENT-APPL-SN-128419
US-PATENT-CLASS-250-83.3R
US-PATENT-CLASS-250-83R
US-PATENT-3,715,590

N73-20478* c 14 ..... NASA-CASE-NPO-10985
US-PATENT-APPL-SN-74759
US-PATENT-CLASS-324-30R
US-PATENT-CLASS-324-65P
US-PATENT-CLASS-73-194E
US-PATENT-3,712,132

N73-20514* c 15 ..... NASA-CASE-NPO-11213
US-PATENT-APPL-SN-78703
US-PATENT-CLASS-195-127
US-PATENT-3,713,987

N73-20740* c 32 ..... NASA-CASE-LAR-10765-1
US-PATENT-APPL-SN-138230
US-PATENT-CLASS-356-32
US-PATENT-CLASS-73-88A
US-PATENT-3,715,915

N73-20741* c 23 ..... NASA-CASE-ARC-10194-1
US-PATENT-APPL-SN-107659
US-PATENT-CLASS-350-202
US-PATENT-3,715,152

N73-22076*# c 07 ..... NASA-CASE-NPO-10166-1
US-PATENT-APPL-SN-192803

N73-22710* c 27 ..... NASA-CASE-NPO-10893
US-PATENT-APPL-SN-845584
US-PATENT-CLASS-260-94.8
US-PATENT-3,634,383

N73-24176* c 07 ..... NASA-CASE-NPO-11751
US-PATENT-APPL-SN-192141
US-PATENT-CLASS-343-DIG.2
US-PATENT-CLASS-343-915
US-PATENT-3,729,743

N73-24472* c 14 ..... NASA-CASE-LEW-11072-1
US-PATENT-APPL-SN-104885
US-PATENT-CLASS-136-225
US-PATENT-3,729,343

N73-24473* c 14 ..... NASA-CASE-MFS-20418
US-PATENT-APPL-SN-162101
US-PATENT-CLASS-128-206F
US-PATENT-CLASS-324-78E

US-PATENT-3,729,676

N73-24513* c 15 ..... NASA-CASE-NPO-11417
US-PATENT-APPL-SN-120241
US-PATENT-CLASS-417-391
US-PATENT-CLASS-60-25
US-PATENT-3,732,040

N73-24569* c 17 ..... NASA-CASE-LEW-10920-1
US-PATENT-APPL-SN-106424
US-PATENT-CLASS-204-192
US-PATENT-3,732,158

N73-24783* c 28 ..... NASA-CASE-NPO-11880
US-PATENT-APPL-SN-209535
US-PATENT-CLASS-313-DIG.8
US-PATENT-CLASS-313-231
US-PATENT-CLASS-313-63
US-PATENT-CLASS-60-202
US-PATENT-3,313,204
US-PATENT-3,728,861

N73-24784* c 28 ..... NASA-CASE-NPO-11559
US-PATENT-APPL-SN-147996
US-PATENT-CLASS-102-49.7
US-PATENT-CLASS-102-49.8
US-PATENT-CLASS-60-254
US-PATENT-CLASS-60-256
US-PATENT-3,729,935

N73-25125* c 05 ..... NASA-CASE-MFS-20332-2
US-PATENT-APPL-SN-195061
US-PATENT-APPL-SN-869260
US-PATENT-CLASS-128-142.5
US-PATENT-CLASS-137-538
US-PATENT-CLASS-2-2.1A
US-PATENT-3,720,208

N73-25160* c 07 ..... NASA-CASE-ARC-10097-2
US-PATENT-APPL-SN-115083
US-PATENT-APPL-SN-768662
US-PATENT-CLASS-325-113
US-PATENT-CLASS-325-139
US-PATENT-CLASS-325-45
US-PATENT-CLASS-325-61
US-PATENT-CLASS-340-207
US-PATENT-CLASS-340-258R
US-PATENT-3,719,891

N73-25161* c 07 ..... NASA-CASE-NPO-11707
US-PATENT-APPL-SN-196399
US-PATENT-CLASS-343-6.5R
US-PATENT-CLASS-343-6.8R
US-PATENT-3,729,736

N73-25206* c 08 ..... NASA-CASE-NPO-11497
US-PATENT-APPL-SN-155565
US-PATENT-CLASS-235-10.2
US-PATENT-CLASS-235-151.27
US-PATENT-CLASS-235-92CV
US-PATENT-CLASS-235-92DN
US-PATENT-CLASS-235-92EA
US-PATENT-CLASS-235-92EV
US-PATENT-CLASS-235-92R
US-PATENT-3,729,129

N73-25240* c 10 ..... NASA-CASE-MSC-12428-1
US-PATENT-APPL-SN-170681
US-PATENT-CLASS-179-1SA
US-PATENT-CLASS-235-151.31
US-PATENT-CLASS-324-77R
US-PATENT-CLASS-324-78J
US-PATENT-3,732,405

N73-25241* c 10 ..... NASA-CASE-GSC-11239-1
US-PATENT-APPL-SN-180683
US-PATENT-CLASS-325-363
US-PATENT-CLASS-325-67
US-PATENT-3,737,781

N73-25243* c 10 ..... NASA-CASE-MFS-21919-1
US-PATENT-APPL-SN-193456
US-PATENT-CLASS-317-100
US-PATENT-CLASS-317-101DH
US-PATENT-3,735,206

N73-25262* c 12 ..... NASA-CASE-LAR-10578-1
US-PATENT-APPL-SN-233098
US-PATENT-CLASS-73-147
US-PATENT-3,731,528

N73-25460* c 14 ..... NASA-CASE-MFS-20916
US-PATENT-APPL-SN-212165
US-PATENT-CLASS-73-189
US-PATENT-3,731,531

N73-25461* c 14 ..... NASA-CASE-KSC-10108
US-PATENT-APPL-SN-73922
US-PATENT-CLASS-343-14
US-PATENT-CLASS-343-17.5
US-PATENT-CLASS-343-6.8R
US-PATENT-3,732,567

N73-25462* c 14 ..... NASA-CASE-NPO-11686
US-PATENT-APPL-SN-212900
US-PATENT-CLASS-250-203R
US-PATENT-CLASS-250-214
US-PATENT-CLASS-250-214
US-PATENT-CLASS-250-83.3H
US-PATENT-CLASS-356-152
US-PATENT-3,723,745

N73-25463* c 14 ..... NASA-CASE-ARC-10278-1
US-PATENT-APPL-SN-154933
US-PATENT-CLASS-356-110
US-PATENT-3,729,260
N73-25512* c 15 ..... NASA-CASE-LAR-10129-1
US-PATENT-APPL-SN-99201
US-PATENT-CLASS-182-5
US-PATENT-CLASS-188-65.1
US-PATENT-CLASS-24-134R
US-PATENT-CLASS-254-156
US-PATENT-3,729,068
N73-25513* c 15 ..... NASA-CASE-GSC-11205-1
US-PATENT-APPL-SN-107376
US-PATENT-CLASS-188-266
US-PATENT-CLASS-244-1SA
US-PATENT-3,737,118
N73-25760* c 25 ..... NASA-CASE-LEW-11180-1
US-PATENT-APPL-SN-175852
US-PATENT-CLASS-313-161
US-PATENT-CLASS-313-231
US-PATENT-CLASS-60-202
US-PATENT-3,735,591
N73-25952* c 33 ..... NASA-CASE-LEW-10359-2
US-PATENT-APPL-SN-150215
US-PATENT-APPL-SN-47063
US-PATENT-CLASS-102-105
US-PATENT-CLASS-244-117A
US-PATENT-CLASS-60-200A
US-PATENT-CLASS-60-265
US-PATENT-CLASS-60-267
US-PATENT-CLASS-62-467
US-PATENT-3,720,075
N73-26004* c 02 ..... NASA-CASE-LAR-10682-1
US-PATENT-APPL-SN-127915
US-PATENT-CLASS-244-75A
US-PATENT-CLASS-244-76C
US-PATENT-CLASS-244-77F
US-PATENT-CLASS-244-77G
US-PATENT-3,734,432
N73-26005* c 02 ..... NASA-CASE-ARC-10470-1
US-PATENT-APPL-SN-206279
US-PATENT-CLASS-244-13
US-PATENT-CLASS-244-46
US-PATENT-CLASS-244-55
US-PATENT-3,737,121
N73-26006* c 02 ..... NASA-CASE-MSC-12393-1
US-PATENT-APPL-SN-203405
US-PATENT-CLASS-114-122
US-PATENT-CLASS-9-11A
US-PATENT-CLASS-9-2A
US-PATENT-CLASS-9-3
US-PATENT-3,736,607
N73-26071* c 05 ..... NASA-CASE-ARC-10599-1
US-PATENT-APPL-SN-247481
US-PATENT-CLASS-165-46
US-PATENT-CLASS-2-2.1
US-PATENT-CLASS-62-176
US-PATENT-CLASS-62-207
US-PATENT-CLASS-62-209
US-PATENT-CLASS-62-259
US-PATENT-CLASS-62-89
US-PATENT-3,736,764
N73-26072* c 05 ..... NASA-CASE-ARC-10329-1
US-PATENT-APPL-SN-159857
US-PATENT-CLASS-128-2.1R
US-PATENT-CLASS-351-23
US-PATENT-CLASS-351-30
US-PATENT-CLASS-351-36
US-PATENT-3,737,217
N73-26100* c 06 ..... NASA-CASE-GSC-11358-1
US-PATENT-APPL-SN-226551
US-PATENT-CLASS-260-46.5R
US-PATENT-3,733,350
N73-26117* c 07 ..... NASA-CASE-KSC-10392
US-PATENT-APPL-SN-181024
US-PATENT-CLASS-343-880
US-PATENT-CLASS-343-883
US-PATENT-CLASS-343-889
US-PATENT-CLASS-343-895
US-PATENT-3,737,912
N73-26118* c 07 ..... NASA-CASE-NPO-11548
US-PATENT-APPL-SN-151411
US-PATENT-CLASS-179-15A
US-PATENT-CLASS-179-15BM
US-PATENT-CLASS-325-40
US-PATENT-CLASS-343-204
US-PATENT-3,737,776
N73-26119* c 07 ..... NASA-CASE-NPO-11426
US-PATENT-APPL-SN-89210
US-PATENT-CLASS-250-199
US-PATENT-CLASS-331-94.5
US-PATENT-CLASS-332-7.51
US-PATENT-CLASS-356-4
US-PATENT-CLASS-356-5
US-PATENT-3,737,231
N73-26175* c 08 ..... NASA-CASE-NPO-11821-1
US-PATENT-APPL-SN-236285
US-PATENT-CLASS-235-152
US-PATENT-CLASS-235-164
US-PATENT-CLASS-328-167
US-PATENT-3,732,409
N73-26176* c 08 ..... NASA-CASE-NPO-11456
US-PATENT-APPL-SN-153543
US-PATENT-CLASS-340-172.5
US-PATENT-3,740,725
N73-26195* c 09 ..... NASA-CASE-GSC-10990-1
US-PATENT-APPL-SN-93329
US-PATENT-CLASS-333-73R
US-PATENT-CLASS-333-73S
US-PATENT-CLASS-333-82A
US-PATENT-CLASS-333-84M
US-PATENT-3,737,815
N73-26228* c 10 ..... NASA-CASE-ERC-10403-1
US-PATENT-APPL-SN-253405
US-PATENT-CLASS-317-DIG.6
US-PATENT-CLASS-321-11
US-PATENT-CLASS-321-45C
US-PATENT-3,737,757
N73-26229* c 10 ..... NASA-CASE-NPO-11569
US-PATENT-APPL-SN-199957
US-PATENT-CLASS-307-220
US-PATENT-CLASS-307-233
US-PATENT-3,737,676
N73-26230* c 10 ..... NASA-CASE-MSC-13907-1
US-PATENT-APPL-SN-254177
US-PATENT-CLASS-235-186
US-PATENT-CLASS-235-194
US-PATENT-CLASS-235-197
US-PATENT-3,737,639
N73-26238* c 11 ..... NASA-CASE-NPO-11366
US-PATENT-APPL-SN-144139
US-PATENT-CLASS-180-41
US-PATENT-CLASS-180-6.5
US-PATENT-CLASS-180-7R
US-PATENT-CLASS-180-8A
US-PATENT-CLASS-180-9.2R
US-PATENT-CLASS-180-9.5
US-PATENT-CLASS-305-35EB
US-PATENT-CLASS-305-39
US-PATENT-3,730,287
N73-26430* c 14 ..... NASA-CASE-NPO-11304
US-PATENT-APPL-SN-101214
US-PATENT-CLASS-219-499
US-PATENT-CLASS-219-50
US-PATENT-3,733,463
N73-26431* c 14 ..... NASA-CASE-MSC-12363-1
US-PATENT-APPL-SN-125236
US-PATENT-CLASS-95-1.1
US-PATENT-3,736,849
N73-26432* c 14 ..... NASA-CASE-ERC-10276
US-PATENT-APPL-SN-24155
US-PATENT-CLASS-250-209
US-PATENT-CLASS-340-15.5GC
US-PATENT-CLASS-343-100ME
US-PATENT-3,737,905
N73-26472* c 15 ..... NASA-CASE-KSC-10639
US-PATENT-APPL-SN-181023
US-PATENT-CLASS-137-397
US-PATENT-CLASS-137-582
US-PATENT-3,736,956
N73-26572* c 18 ..... NASA-CASE-ARC-10304-1
US-PATENT-APPL-SN-140946
US-PATENT-CLASS-252-8.1
US-PATENT-3,730,891
N73-26751* c 26 ..... NASA-CASE-MFS-20675
US-PATENT-APPL-SN-200085
US-PATENT-CLASS-250-219TH
US-PATENT-CLASS-356-108
US-PATENT-CLASS-356-161
US-PATENT-CLASS-356-202
US-PATENT-3,737,237
N73-26752* c 26 ..... NASA-CASE-LEW-11726-1
US-PATENT-APPL-SN-280031
US-PATENT-CLASS-156-18
US-PATENT-CLASS-174-DIG.6
US-PATENT-CLASS-29-599
US-PATENT-CLASS-336-DIG.1
US-PATENT-CLASS-336-200
US-PATENT-3,737,824
N73-26876* c 31 ..... NASA-CASE-MFS-20863
US-PATENT-APPL-SN-159966
US-PATENT-CLASS-244-1SD
US-PATENT-CLASS-244-137P
US-PATENT-3,737,117
N73-26910* c 32 ..... NASA-CASE-LAR-10756-1
US-PATENT-APPL-SN-160859
US-PATENT-CLASS-235-92MT
US-PATENT-CLASS-73-67.3
US-PATENT-CLASS-73-88.5R
US-PATENT-CLASS-73-91
US-PATENT-3,733,424
N73-26958* c 33 ..... NASA-CASE-NPO-11330
US-PATENT-APPL-SN-118269
US-PATENT-CLASS-285-DIG.21
US-PATENT-CLASS-285-316
US-PATENT-3,737,181
N73-27052* c 04 ..... NASA-CASE-GSC-11092-2
US-PATENT-APPL-SN-139250
US-PATENT-APPL-SN-60950
US-PATENT-CLASS-103.5R
US-PATENT-3,745,090
N73-27062* c 05 ..... NASA-CASE-LEW-11669-1
US-PATENT-APPL-SN-198885
US-PATENT-CLASS-128-2
US-PATENT-CLASS-128-24A
US-PATENT-CLASS-128-305
US-PATENT-CLASS-32-28
US-PATENT-CLASS-32-58
US-PATENT-3,736,938
N73-27086* c 06 ..... NASA-CASE-GSC-10225-1
US-PATENT-APPL-SN-710621
US-PATENT-CLASS-195-66R
US-PATENT-3,745,089
N73-27150*# c 09 ..... NASA-CASE-ERC-10224-2
US-PATENT-APPL-SN-221833
US-PATENT-APPL-SN-868775
US-PATENT-CLASS-29-580
US-PATENT-CLASS-317-234G
US-PATENT-CLASS-317-234L
US-PATENT-CLASS-317-234M
US-PATENT-CLASS-317-234N
US-PATENT-CLASS-317-234R
US-PATENT-3,742,316
N73-27171* c 10 ..... NASA-CASE-NPO-11941-1
US-PATENT-APPL-SN-241614
US-PATENT-CLASS-330-70CR
US-PATENT-CLASS-331-17
US-PATENT-CLASS-331-25
US-PATENT-3,740,671
N73-27376*# c 14 ..... NASA-CASE-HQN-10037-1
US-PATENT-APPL-SN-235957
US-PATENT-CLASS-73-28
US-PATENT-3,741,001
N73-27377* c 14 ..... NASA-CASE-MFS-21046-1
US-PATENT-APPL-SN-156725
US-PATENT-CLASS-272-73
US-PATENT-CLASS-35-12C
US-PATENT-3,744,794
N73-27378* c 14 ..... NASA-CASE-KSC-10626
US-PATENT-APPL-SN-180963
US-PATENT-CLASS-222-414
US-PATENT-CLASS-244-1SS
US-PATENT-CLASS-244-135
US-PATENT-3,744,738
N73-27379* c 14 ..... NASA-CASE-FRC-10060-1
US-PATENT-APPL-SN-189290
US-PATENT-CLASS-179-175.1A
US-PATENT-CLASS-340-5C
US-PATENT-CLASS-73-1DV
US-PATENT-3,744,294
N73-27405* c 15 ..... NASA-CASE-MFS-20855
US-PATENT-APPL-SN-127647
US-PATENT-CLASS-219-348
US-PATENT-CLASS-53-112A
US-PATENT-CLASS-53-22A
US-PATENT-3,745,739
N73-27406* c 15 ..... NASA-CASE-NPO-11377
US-PATENT-APPL-SN-187262
US-PATENT-CLASS-137-1
US-PATENT-CLASS-137-154
US-PATENT-CLASS-137-604
US-PATENT-3,744,510
N73-27446* c 17 ..... NASA-CASE-LAR-10953-1
US-PATENT-APPL-SN-163152
US-PATENT-CLASS-23-230R
US-PATENT-3,744,972
N73-27699* c 28 ..... NASA-CASE-XLE-10453-2
US-PATENT-APPL-SN-180473
US-PATENT-APPL-SN-758540
US-PATENT-CLASS-313-217
US-PATENT-CLASS-313-218
US-PATENT-CLASS-313-230
US-PATENT-CLASS-313-355
US-PATENT-CLASS-313-63
US-PATENT-CLASS-60-202
US-PATENT-3,744,247
N73-27796* c 33 ..... NASA-CASE-LAR-10439-1
US-PATENT-APPL-SN-182033
US-PATENT-CLASS-356-72
US-PATENT-CLASS-73-339
US-PATENT-CLASS-73-432R
US-PATENT-CLASS-73-86
US-PATENT-3,745,816
N73-27941* c 05 ..... NASA-CASE-MFS-21109-1
US-PATENT-APPL-SN-202769
US-PATENT-CLASS-128-2.05R
US-PATENT-CLASS-128-2.06R
US-PATENT-CLASS-272-73

US-PATENT-CLASS-73-379
US-PATENT-3,744,480

N73-27980* c 06 ..... NASA-CASE-LEW-11325-1
US-PATENT-APPL-SN-184960
US-PATENT-CLASS-117-161P
US-PATENT-CLASS-117-161UN
US-PATENT-CLASS-117-228
US-PATENT-CLASS-161-214
US-PATENT-CLASS-161-227
US-PATENT-CLASS-260-30.2
US-PATENT-CLASS-260-30.8DS
US-PATENT-CLASS-260-32.6N
US-PATENT-CLASS-260-33.4R
US-PATENT-CLASS-260-33.6R
US-PATENT-CLASS-260-47CP
US-PATENT-CLASS-260-65
US-PATENT-CLASS-260-78TF
US-PATENT-CLASS-260-78UA
US-PATENT-3,745,149

N73-28012* c 07 ..... NASA-CASE-NPO-11593-1
US-PATENT-APPL-SN-172807
US-PATENT-CLASS-179-15FS
US-PATENT-CLASS-325-419
US-PATENT-CLASS-329-122
US-PATENT-3,745,255

N73-28013* c 07 ..... NASA-CASE-GSC-11046-1
US-PATENT-APPL-SN-182399
US-PATENT-CLASS-343-725
US-PATENT-CLASS-343-729
US-PATENT-CLASS-343-797
US-PATENT-CLASS-343-803
US-PATENT-CLASS-343-893
US-PATENT-3,747,111

N73-28045* c 08 ..... NASA-CASE-XNP-00477
US-PATENT-APPL-SN-175497
US-PATENT-CLASS-340-347
US-PATENT-3,219,997

N73-28083* c 09 ..... NASA-CASE-GSC-11215-1
US-PATENT-APPL-SN-114873
US-PATENT-CLASS-29-628
US-PATENT-CLASS-29-629
US-PATENT-CLASS-29-630
US-PATENT-CLASS-29-630A
US-PATENT-3,744,128

N73-28084* c 09 ..... NASA-CASE-XNP-03623
US-PATENT-APPL-SN-471154
US-PATENT-CLASS-178-69.5
US-PATENT-3,402,265

N73-28144* c 12 ..... NASA-CASE-LAR-10612-1
US-PATENT-APPL-SN-233173
US-PATENT-CLASS-73-147
US-PATENT-3,744,305

N73-28486* c 14 ..... NASA-CASE-NPO-11749
US-PATENT-APPL-SN-175267
US-PATENT-CLASS-324-52
US-PATENT-CLASS-73-15R
US-PATENT-3,737,762

N73-28487* c 14 ..... NASA-CASE-XLA-08916-2
US-PATENT-APPL-SN-777765
US-PATENT-APPL-SN-97472
US-PATENT-CLASS-73-170R
US-PATENT-CLASS-73-432R
US-PATENT-3,744,320

N73-28488* c 14 ..... NASA-CASE-LEW-11159-1
US-PATENT-APPL-SN-104346
US-PATENT-CLASS-250-336
US-PATENT-CLASS-307-308
US-PATENT-3,745,357

N73-28489* c 14 ..... NASA-CASE-GSC-11074-1
US-PATENT-APPL-SN-198362
US-PATENT-CLASS-34-155
US-PATENT-CLASS-34-160
US-PATENT-CLASS-34-162
US-PATENT-3,744,148

N73-28490* c 14 ..... NASA-CASE-GSC-11444-1
US-PATENT-APPL-SN-229128
US-PATENT-CLASS-250-203R
US-PATENT-CLASS-250-209
US-PATENT-CLASS-250-214R
US-PATENT-CLASS-356-141
US-PATENT-3,744,913

N73-28491* c 14 ..... NASA-CASE-XNP-05231
US-PATENT-APPL-SN-524746
US-PATENT-CLASS-250-51.5
US-PATENT-3,440,419

N73-28515* c 15 ..... NASA-CASE-LEW-10533-1
US-PATENT-APPL-SN-134658
US-PATENT-CLASS-219-107
US-PATENT-CLASS-219-62
US-PATENT-CLASS-27-498
US-PATENT-CLASS-29-497.5
US-PATENT-3,745,300

N73-28516* c 15 ..... NASA-CASE-XNP-01187
US-PATENT-APPL-SN-155598
US-PATENT-CLASS-317-158
US-PATENT-3,244,943

N73-28573* c 17 ..... NASA-CASE-XNP-08876
US-PATENT-APPL-SN-527331
US-PATENT-CLASS-75-66
US-PATENT-3,419,384

N73-28710* c 26 ..... NASA-CASE-XNP-01185
US-PATENT-APPL-SN-155595
US-PATENT-CLASS-317-158
US-PATENT-3,198,994

N73-30078* c 05 ..... NASA-CASE-MFS-21010-1
US-PATENT-APPL-SN-251609
US-PATENT-CLASS-73-379
US-PATENT-3,750,479

N73-30097* c 06 ..... NASA-CASE-LAR-10670-1
US-PATENT-APPL-SN-59892
US-PATENT-CLASS-149-1
US-PATENT-CLASS-149-36
US-PATENT-CLASS-252-301.4
US-PATENT-CLASS-252-305
US-PATENT-CLASS-60-215
US-PATENT-3,751,913

N73-30098* c 06 ..... NASA-CASE-MFS-21040-1
US-PATENT-APPL-SN-183240
US-PATENT-CLASS-260-485F
US-PATENT-3,752,847

N73-30099* c 06 ..... NASA-CASE-MFS-10512
US-PATENT-APPL-SN-606027
US-PATENT-CLASS-260-77.5
US-PATENT-3,463,761

N73-30100* c 06 ..... NASA-CASE-MFS-10506
US-PATENT-APPL-SN-606036
US-PATENT-CLASS-260-77.5
US-PATENT-3,463,762

N73-30101* c 06 ..... NASA-CASE-MFS-10507
US-PATENT-APPL-SN-605994
US-PATENT-CLASS-260-615
US-PATENT-3,452,103

N73-30102* c 06 ..... NASA-CASE-MFS-11492
US-PATENT-APPL-SN-707440
US-PATENT-CLASS-260-2
US-PATENT-3,577,356

N73-30103* c 06 ..... NASA-CASE-MFS-10509
US-PATENT-APPL-SN-605964
US-PATENT-CLASS-260-77.5
US-PATENT-3,475,384

N73-30113* c 07 ..... NASA-CASE-NPO-11628-1
US-PATENT-APPL-SN-207211
US-PATENT-CLASS-325-420
US-PATENT-CLASS-325-422
US-PATENT-CLASS-329-120
US-PATENT-3,746,998

N73-30115* c 07 ..... NASA-CASE-KSC-10654-1
US-PATENT-APPL-SN-250766
US-PATENT-CLASS-178-DIG.23
US-PATENT-CLASS-178-6.6DD
US-PATENT-CLASS-178-6.8
US-PATENT-CLASS-179-15BS
US-PATENT-3,749,831

N73-30135* c 08 ..... NASA-CASE-NPO-10817-1
US-PATENT-APPL-SN-82649
US-PATENT-CLASS-250-229
US-PATENT-CLASS-250-237R
US-PATENT-CLASS-250-239
US-PATENT-3,745,352

N73-30181* c 09 ..... NASA-CASE-MFS-21214-1
US-PATENT-APPL-SN-235269
US-PATENT-CLASS-313-161
US-PATENT-CLASS-315-248
US-PATENT-CLASS-315-324
US-PATENT-3,745,410

N73-30185* c 09 ..... NASA-CASE-NPO-11738-1
US-PATENT-APPL-SN-235295
US-PATENT-CLASS-335-296
US-PATENT-CLASS-335-297
US-PATENT-3,750,067

N73-30205* c 10 ..... NASA-CASE-NPO-11307-1
US-PATENT-APPL-SN-169671
US-PATENT-CLASS-340-277
US-PATENT-CLASS-340-279
US-PATENT-3,750,131

N73-30386* c 14 ..... NASA-CASE-MFS-20658-1
US-PATENT-APPL-SN-205675
US-PATENT-CLASS-324-79D
US-PATENT-CLASS-328-129
US-PATENT-CLASS-328-134
US-PATENT-CLASS-328-48
US-PATENT-3,745,475

N73-30388* c 14 ..... NASA-CASE-NPO-11291-1
US-PATENT-APPL-SN-116790
US-PATENT-CLASS-324-29.5
US-PATENT-CLASS-324-57R
US-PATENT-CLASS-324-62R
US-PATENT-CLASS-324-95
US-PATENT-3,750,016

N73-30389* c 14 ..... NASA-CASE-MFS-20546-2
US-PATENT-APPL-SN-11220
US-PATENT-APPL-SN-51317
US-PATENT-CLASS-250-105
US-PATENT-CLASS-250-65R
US-PATENT-3,749,911

N73-30390* c 14 ..... NASA-CASE-XGS-07752
US-PATENT-APPL-SN-533659
US-PATENT-CLASS-73-4
US-PATENT-3,395,565

N73-30391* c 14 ..... NASA-CASE-XLA-05087
US-PATENT-APPL-SN-459407
US-PATENT-CLASS-315-111
US-PATENT-3,394,286

N73-30392* c 14 ..... NASA-CASE-MFS-21441-1
US-PATENT-APPL-SN-231662
US-PATENT-CLASS-250-394
US-PATENT-CLASS-250-518
US-PATENT-3,752,986

N73-30393* c 14 ..... NASA-CASE-GSC-11487-1
US-PATENT-APPL-SN-193814
US-PATENT-CLASS-250-203
US-PATENT-CLASS-350-199
US-PATENT-CLASS-350-204
US-PATENT-CLASS-350-55
US-PATENT-3,752,559

N73-30394* c 14 ..... NASA-CASE-LAR-10000
US-PATENT-APPL-SN-613235
US-PATENT-CLASS-73-398
US-PATENT-3,446,075

N73-30395* c 14 ..... NASA-CASE-LAR-10623-1
US-PATENT-APPL-SN-214086
US-PATENT-CLASS-15-415
US-PATENT-CLASS-73-28
US-PATENT-CLASS-73-421.5R
US-PATENT-3,748,905

N73-30457* c 15 ..... NASA-CASE-GSC-11149-1
US-PATENT-APPL-SN-152849
US-PATENT-CLASS-254-29A
US-PATENT-CLASS-29-452
US-PATENT-CLASS-81-57.38
US-PATENT-3,749,362

N73-30458* c 15 ..... NASA-CASE-LEW-11087-1
US-PATENT-APPL-SN-201904
US-PATENT-CLASS-308-188
US-PATENT-CLASS-308-193
US-PATENT-3,751,123

N73-30459* c 15 ..... NASA-CASE-MSC-13587-1
US-PATENT-APPL-SN-206698
US-PATENT-CLASS-137-516.27
US-PATENT-CLASS-137-535
US-PATENT-3,749,123

N73-30460* c 15 ..... NASA-CASE-HQN-10638-1
US-PATENT-APPL-SN-212977
US-PATENT-CLASS-188-1C
US-PATENT-CLASS-297-386
US-PATENT-3,749,205

N73-30476* c 16 ..... NASA-CASE-MFS-20823-1
US-PATENT-APPL-SN-175981
US-PATENT-CLASS-350-3.5
US-PATENT-CLASS-356-108
US-PATENT-CLASS-356-109
US-PATENT-3,744,912

N73-30532* c 18 ..... NASA-CASE-ERC-10339-1
US-PATENT-APPL-SN-43883
US-PATENT-CLASS-156-285
US-PATENT-3,745,082

N73-30640* c 21 ..... NASA-CASE-GSC-10890-1
US-PATENT-APPL-SN-111998
US-PATENT-CLASS-244-1SA
US-PATENT-CLASS-250-203R
US-PATENT-CLASS-250-209
US-PATENT-CLASS-250-236
US-PATENT-3,752,993

N73-30641* c 21 ..... NASA-CASE-LAR-10717-1
US-PATENT-APPL-SN-242028
US-PATENT-CLASS-343-112CA
US-PATENT-CLASS-343-6.5R
US-PATENT-3,750,168

N73-30665* c 23 ..... NASA-CASE-LEW-11326-1
US-PATENT-APPL-SN-192970
US-PATENT-CLASS-431-173
US-PATENT-CLASS-431-9
US-PATENT-CLASS-60-39.65
US-PATENT-CLASS-60-39.66
US-PATENT-CLASS-60-39.72
US-PATENT-CLASS-60-39.74R
US-PATENT-3,748,853

N73-30666* c 23 ..... NASA-CASE-GSC-11296-1
US-PATENT-APPL-SN-228190
US-PATENT-CLASS-350-162SF
US-PATENT-CLASS-350-55
US-PATENT-3,752,564

N73-30829* c 31 ..... NASA-CASE-GSC-11018-1
US-PATENT-APPL-SN-244523
US-PATENT-CLASS-165-105
US-PATENT-CLASS-165-32
US-PATENT-CLASS-165-47
US-PATENT-CLASS-165-96

US-PATENT-APPL-SN-167719
US-PATENT-CLASS-331-94.5A
US-PATENT-CLASS-350-285
US-PATENT-CLASS-356-138
US-PATENT-CLASS-356-148
US-PATENT-CLASS-356-153
US-PATENT-CLASS-356-172
US-PATENT-3,764,220

N74-10034* c 02 ..... NASA-CASE-LAR-10776-1
US-PATENT-APPL-SN-211332
US-PATENT-CLASS-244-145
US-PATENT-3,764,097

N74-10132* c 32 ..... NASA-CASE-NPO-11302-2
US-PATENT-APPL-SN-266822
US-PATENT-APPL-SN-70967
US-PATENT-CLASS-178-69.4R
US-PATENT-3,766,315

N74-10194* c 33 ..... NASA-CASE-NPO-11962-1
US-PATENT-APPL-SN-292681
US-PATENT-CLASS-331-1A
US-PATENT-CLASS-331-14
US-PATENT-CLASS-331-17
US-PATENT-CLASS-331-178
US-PATENT-CLASS-331-18
US-PATENT-CLASS-331-4
US-PATENT-3,764,933

N74-10195* c 33 ..... NASA-CASE-LEW-11617-1
US-PATENT-APPL-SN-266832
US-PATENT-CLASS-315-5.35
US-PATENT-CLASS-315-5.38
US-PATENT-3,764,850

N74-10223* c 33 ..... NASA-CASE-LAR-10730-1
US-PATENT-APPL-SN-239573
US-PATENT-CLASS-235-150.3
US-PATENT-CLASS-235-92CA
US-PATENT-CLASS-235-92DM
US-PATENT-CLASS-307-225R
US-PATENT-CLASS-328-48
US-PATENT-3,764,790

N74-10415* c 35 ..... NASA-CASE-MFS-20335-1
US-PATENT-APPL-SN-238263
US-PATENT-CLASS-73-67.8S
US-PATENT-3,765,229

N74-10474* c 37 ..... NASA-CASE-LEW-10326-3
US-PATENT-APPL-SN-99901
US-PATENT-CLASS-277-25
US-PATENT-CLASS-277-27
US-PATENT-CLASS-277-96
US-PATENT-3,767,212

N74-10521* c 26 ..... NASA-CASE-LEW-10805-3
US-PATENT-APPL-SN-266928
US-PATENT-APPL-SN-29917
US-PATENT-CLASS-148-126
US-PATENT-CLASS-29-420.5
US-PATENT-CLASS-75-200
US-PATENT-CLASS-75-226
US-PATENT-3,765,958

N74-10907* c 05 ..... NASA-CASE-XMF-02263
US-PATENT-APPL-SN-78766
US-PATENT-CLASS-D71-1
US-PATENT-DES-228,688

N74-10942* c 08 ..... NASA-CASE-MSC-12394-1
US-PATENT-APPL-SN-341662
US-PATENT-CLASS-244-83
US-PATENT-CLASS-318-580
US-PATENT-CLASS-318-628
US-PATENT-3,771,037

N74-10975* c 52 ..... NASA-CASE-MSC-13972-1
US-PATENT-APPL-SN-200040
US-PATENT-CLASS-128-2S
US-PATENT-CLASS-73-149
US-PATENT-3,769,834

N74-11000* c 32 ..... NASA-CASE-NPO-13171-1
US-PATENT-APPL-SN-290915
US-PATENT-CLASS-343-781
US-PATENT-CLASS-343-909
US-PATENT-3,769,623

N74-11049* c 33 ..... NASA-CASE-HQN-10792-1
US-PATENT-APPL-SN-245063
US-PATENT-CLASS-321-18
US-PATENT-CLASS-321-2
US-PATENT-CLASS-321-45S
US-PATENT-CLASS-323-DIG.1
US-PATENT-CLASS-331-113A
US-PATENT-CLASS-331-62
US-PATENT-3,771,040

N74-11050* c 33 ..... NASA-CASE-LAR-10868-1
US-PATENT-APPL-SN-253249
US-PATENT-CLASS-137-819
US-PATENT-CLASS-137-833
US-PATENT-CLASS-137-840
US-PATENT-3,770,021

N74-11283* c 35 ..... NASA-CASE-NPO-11659-1
US-PATENT-APPL-SN-228189
US-PATENT-CLASS-178-6.6DD
US-PATENT-CLASS-179-100.2MD
US-PATENT-CLASS-179-100.2T
US-PATENT-CLASS-340-174.1L
US-PATENT-3,770,903

N74-11284* c 35 ..... NASA-CASE-NPO-11919-1
US-PATENT-APPL-SN-237694
US-PATENT-CLASS-250-343
US-PATENT-3,766,380

N74-11300* c 37 ..... NASA-CASE-LEW-10533-2
US-PATENT-APPL-SN-247055
US-PATENT-CLASS-219-101
US-PATENT-CLASS-219-107
US-PATENT-CLASS-219-78
US-PATENT-CLASS-29-497.5
US-PATENT-3,770,933

N74-11301* c 37 ..... NASA-CASE-LAR-10170-1
US-PATENT-APPL-SN-217213
US-PATENT-CLASS-117-105.2
US-PATENT-CLASS-29-460
US-PATENT-CLASS-29-498
US-PATENT-CLASS-29-503
US-PATENT-CLASS-29-527.2
US-PATENT-3,769,689

N74-11313* c 36 ..... NASA-CASE-HQN-10790-1
US-PATENT-APPL-SN-235962
US-PATENT-CLASS-333-83R
US-PATENT-CLASS-333-97R
US-PATENT-3,771,074

N74-12778* c 52 ..... NASA-CASE-MFS-20284-1
US-PATENT-APPL-SN-242027
US-PATENT-CLASS-128-2.05T
US-PATENT-CLASS-128-2.06F
US-PATENT-CLASS-324-186
US-PATENT-CLASS-324-78D
US-PATENT-3,773,038

N74-12779* c 54 ..... NASA-CASE-MFS-21115-1
US-PATENT-APPL-SN-266930
US-PATENT-CLASS-222-309
US-PATENT-CLASS-222-340
US-PATENT-CLASS-222-387
US-PATENT-CLASS-222-514
US-PATENT-3,777,942

N74-12812* c 27 ..... NASA-CASE-ARC-10464-1
US-PATENT-APPL-SN-198472
US-PATENT-CLASS-260-2.5AM
US-PATENT-3,772,216

N74-12813* c 25 ..... NASA-CASE-LAR-10551-1
US-PATENT-APPL-SN-191301
US-PATENT-CLASS-128-191R
US-PATENT-CLASS-23-252R
US-PATENT-CLASS-23-281
US-PATENT-CLASS-23-288F
US-PATENT-CLASS-23-288J
US-PATENT-CLASS-423-231
US-PATENT-CLASS-55-510
US-PATENT-CLASS-55-518
US-PATENT-3,771,959

N74-12814* c 27 ..... NASA-CASE-ARC-10180-1
US-PATENT-APPL-SN-136253
US-PATENT-CLASS-260-2.5L
US-PATENT-3,772,220

N74-12887* c 33 ..... NASA-CASE-NPO-11905-1
US-PATENT-APPL-SN-290030
US-PATENT-CLASS-178-88
US-PATENT-CLASS-325-320
US-PATENT-CLASS-329-104
US-PATENT-CLASS-329-122
US-PATENT-CLASS-329-126
US-PATENT-3,772,272

N74-12888* c 60 ..... NASA-CASE-MSC-14053-1
US-PATENT-APPL-SN-266899
US-PATENT-CLASS-328-123
US-PATENT-CLASS-340-173CR
US-PATENT-CLASS-340-173LM
US-PATENT-3,778,786

N74-12912* c 32 ..... NASA-CASE-NPO-11850-1
US-PATENT-APPL-SN-186700
US-PATENT-CLASS-343-18B
US-PATENT-CLASS-343-6.5R
US-PATENT-CLASS-343-6.5SS
US-PATENT-3,772,691

N74-12913* c 33 ..... NASA-CASE-LEW-11162-1
US-PATENT-APPL-SN-143508
US-PATENT-CLASS-313-153
US-PATENT-CLASS-313-209
US-PATENT-CLASS-313-217
US-PATENT-CLASS-313-224
US-PATENT-CLASS-313-32
US-PATENT-3,777,200

N74-12951* c 33 ..... NASA-CASE-MFS-21374-1
US-PATENT-APPL-SN-238047
US-PATENT-CLASS-317-234E
US-PATENT-CLASS-317-234F
US-PATENT-CLASS-317-234M
US-PATENT-CLASS-317-234N
US-PATENT-CLASS-317-234R
US-PATENT-3,778,685

N74-13011* c 46 ..... NASA-CASE-MSC-12408-1
US-PATENT-APPL-SN-229916
US-PATENT-CLASS-423-579
US-PATENT-3,773,913

N74-13129* c 35 ..... NASA-CASE-FRC-10051-1
US-PATENT-APPL-SN-253725
US-PATENT-CLASS-254-93R
US-PATENT-CLASS-73-88R
US-PATENT-3,776,028

N74-13130* c 91 ..... NASA-CASE-NPO-12127-1
US-PATENT-APPL-SN-106106
US-PATENT-CLASS-250-219DF
US-PATENT-CLASS-250-83CD
US-PATENT-3,752,996

N74-13131* c 39 ..... NASA-CASE-MFS-20730-1
US-PATENT-APPL-SN-182977
US-PATENT-CLASS-269-48.1
US-PATENT-CLASS-83-452
US-PATENT-CLASS-83-602
US-PATENT-CLASS-83-917
US-PATENT-3,777,605

N74-13132* c 35 ..... NASA-CASE-LAR-10910-1
US-PATENT-APPL-SN-239577
US-PATENT-CLASS-73-4R
US-PATENT-CLASS-73-420
US-PATENT-3,777,546

N74-13177* c 31 ..... NASA-CASE-LAR-10547-1
US-PATENT-APPL-SN-193980
US-PATENT-CLASS-264-294
US-PATENT-3,772,418

N74-13178* c 37 ..... NASA-CASE-LAR-10544-1
US-PATENT-APPL-SN-188928
US-PATENT-CLASS-222-193
US-PATENT-3,776,432

N74-13179* c 37 ..... NASA-CASE-LEW-10805-2
US-PATENT-APPL-SN-233743
US-PATENT-APPL-SN-29917
US-PATENT-CLASS-29-182
US-PATENT-CLASS-29-420.5
US-PATENT-CLASS-75-200
US-PATENT-CLASS-75-213
US-PATENT-CLASS-75-214
US-PATENT-CLASS-75-226
US-PATENT-3,775,101

N74-13205* c 36 ..... NASA-CASE-NPO-11317-2
US-PATENT-APPL-SN-187143
US-PATENT-APPL-SN-34989
US-PATENT-CLASS-179-100.2CH
US-PATENT-CLASS-250-205
US-PATENT-CLASS-250-217
US-PATENT-CLASS-340-174.1M
US-PATENT-CLASS-340-174YC
US-PATENT-CLASS-350-151
US-PATENT-3,778,791

N74-13270* c 27 ..... NASA-CASE-LEW-11262-1
US-PATENT-APPL-SN-136008
US-PATENT-CLASS-204-192
US-PATENT-3,772,174

N74-13420* c 04 ..... NASA-CASE-FRC-10049-1
US-PATENT-APPL-SN-232021
US-PATENT-CLASS-235.150.27
US-PATENT-CLASS-235-150.22
US-PATENT-CLASS-235-150.26
US-PATENT-CLASS-244-77A
US-PATENT-CLASS-244-77B
US-PATENT-CLASS-343-108R
US-PATENT-3,776,455

N74-13436* c 70 ..... NASA-CASE-LAR-10385-2
US-PATENT-APPL-SN-239803
US-PATENT-APPL-SN-38816
US-PATENT-CLASS-117-106A
US-PATENT-CLASS-117-33.3
US-PATENT-3,779,788

N74-13502* c 20 ..... NASA-CASE-LEW-11058-1
US-PATENT-APPL-SN-233519
US-PATENT-CLASS-60-258
US-PATENT-CLASS-60-259
US-PATENT-3,777,490

N74-14133* c 31 ..... NASA-CASE-LAR-10782-1
US-PATENT-APPL-SN-197689
US-PATENT-CLASS-264-102
US-PATENT-3,780,151

N74-14784* c 44 ..... NASA-CASE-LEW-11069-1
US-PATENT-APPL-SN-83816
US-PATENT-CLASS-136-89
US-PATENT-CLASS-29-572
US-PATENT-CLASS-29-588
US-PATENT-3,780,424

N74-14845* c 54 ..... NASA-CASE-LAR-10241-1
US-PATENT-APPL-SN-193672
US-PATENT-CLASS-9-11A
US-PATENT-3,781,933

N74-14920* c 62 ..... NASA-CASE-MSC-13932-1
US-PATENT-APPL-SN-229354
US-PATENT-CLASS-235-153AK
US-PATENT-3,783,250

N74-14935* c 33 ..... NASA-CASE-MFS-21462-1
US-PATENT-APPL-SN-239576
US-PATENT-CLASS-219-477
US-PATENT-CLASS-219-539
US-PATENT-CLASS-338-320
US-PATENT-3,732,397

N74-14939* c 33 ..... NASA-CASE-FRC-10072-1
US-PATENT-APPL-SN-162100
US-PATENT-CLASS-330-10
US-PATENT-CLASS-330-35
US-PATENT-CLASS-330-9
US-PATENT-3,783,399

N74-14956* c 33 ..... NASA-CASE-MSC-17832-1
US-PATENT-APPL-SN-293727
US-PATENT-CLASS-307-127
US-PATENT-CLASS-317-33SC
US-PATENT-CLASS-317-43
US-PATENT-CLASS-317-46
US-PATENT-CLASS-317-47
US-PATENT-CLASS-317-48
US-PATENT-3,783,354

N74-15089* c 19 ..... NASA-CASE-LAR-10586-1
US-PATENT-APPL-SN-289049
US-PATENT-CLASS-102-70.2R
US-PATENT-CLASS-244-1SA
US-PATENT-CLASS-244-3.16
US-PATENT-CLASS-250-203R
US-PATENT-CLASS-250-237R
US-PATENT-3,780,966

N74-15090* c 35 ..... NASA-CASE-NPO-11432-2
US-PATENT-APPL-SN-258152
US-PATENT-APPL-SN-88435
US-PATENT-CLASS-250-211J
US-PATENT-CLASS-250-214
US-PATENT-CLASS-317-235N
US-PATENT-3,781,549

N74-15091* c 35 ..... NASA-CASE-LAR-11155-1
US-PATENT-APPL-SN-313381
US-PATENT-CLASS-250-360
US-PATENT-CLASS-250-361
US-PATENT-CLASS-250-369
US-PATENT-CLASS-250-492
US-PATENT-3,781,562

N74-15092* c 35 ..... NASA-CASE-LAR-10862-1
US-PATENT-APPL-SN-271951
US-PATENT-CLASS-73-4V
US-PATENT-3,780,563

N74-15093* c 35 ..... NASA-CASE-ARC-10442-1
US-PATENT-APPL-SN-280032
US-PATENT-CLASS-165-109
US-PATENT-CLASS-165-2
US-PATENT-CLASS-259-DIG.18
US-PATENT-CLASS-259-60
US-PATENT-CLASS-62-45
US-PATENT-3,782,698

N74-15094* c 35 ..... NASA-CASE-NPO-13044-1
US-PATENT-APPL-SN-305012
US-PATENT-CLASS-73-497
US-PATENT-CLASS-73-517B
US-PATENT-CLASS-74-5.6
US-PATENT-3,782,205

N74-15095* c 74 ..... NASA-CASE-MSC-14096-1
US-PATENT-APPL-SN-242662
US-PATENT-CLASS-350-236
US-PATENT-CLASS-350-285
US-PATENT-CLASS-350-7
US-PATENT-CLASS-356-216
US-PATENT-CLASS-356-43
US-PATENT-3,782,835

N74-15125* c 37 ..... NASA-CASE-XLE-10326-4
US-PATENT-APPL-SN-220251
US-PATENT-APPL-SN-54540
US-PATENT-APPL-SN-723465
US-PATENT-CLASS-277-27
US-PATENT-CLASS-277-91
US-PATENT-3,782,737

N74-15126* c 35 ..... NASA-CASE-ARC-10441-1
US-PATENT-APPL-SN-280029
US-PATENT-CLASS-259-98
US-PATENT-CLASS-417-470
US-PATENT-CLASS-417-471
US-PATENT-3,782,699

N74-15127* c 35 ..... NASA-CASE-NPO-11682-1
US-PATENT-APPL-SN-187365
US-PATENT-CLASS-23-284
US-PATENT-3,782,904

N74-15128* c 37 ..... NASA-CASE-LEW-11087-2
US-PATENT-APPL-SN-201904
US-PATENT-APPL-SN-280390
US-PATENT-CLASS-29-148.4A
US-PATENT-CLASS-29-148.4B
US-PATENT-3,781,958

N74-15130* c 38 ..... NASA-CASE-MFS-20767-1
US-PATENT-APPL-SN-196898
US-PATENT-CLASS-73-67.8S
US-PATENT-3,777,552

N74-15145* c 36 ..... NASA-CASE-NPO-11856-1
US-PATENT-APPL-SN-235268
US-PATENT-CLASS-250-217SS
US-PATENT-CLASS-331-94.5K
US-PATENT-CLASS-331-94.5S
US-PATENT-CLASS-350-6
US-PATENT-CLASS-356-152
US-PATENT-CLASS-356-4
US-PATENT-CLASS-356-5
US-PATENT-3,781,111

N74-15146* c 35 ..... NASA-CASE-MFS-21455-1
US-PATENT-APPL-SN-281877
US-PATENT-CLASS-350-3.5
US-PATENT-CLASS-356-106
US-PATENT-CLASS-73-71.3
US-PATENT-3,782,825

N74-15395* c 38 ..... NASA-CASE-MFS-21233-1
US-PATENT-APPL-SN-246056
US-PATENT-CLASS-324-40
US-PATENT-CLASS-73-67.5R
US-PATENT-CLASS-73-71.5U
US-PATENT-3,782,177

N74-15453* c 07 ..... NASA-CASE-LEW-11569-1
US-PATENT-APPL-SN-316618
US-PATENT-CLASS-181-43
US-PATENT-3,780,827

N74-15652* c 34 ..... NASA-CASE-LAR-10105-1
US-PATENT-APPL-SN-170680
US-PATENT-CLASS-73-86
US-PATENT-3,782,181

N74-15778* c 51 ..... NASA-CASE-ARC-10302-1
US-PATENT-APPL-SN-203271
US-PATENT-CLASS-119-51.13
US-PATENT-CLASS-119-51.5
US-PATENT-CLASS-119-51R
US-PATENT-CLASS-119-52AF
US-PATENT-CLASS-119-54
US-PATENT-CLASS-221-265
US-PATENT-3,782,334

N74-15831* c 35 ..... NASA-CASE-GSC-11553-1
US-PATENT-APPL-SN-177985
US-PATENT-CLASS-178-6.7R
US-PATENT-CLASS-219-216
US-PATENT-CLASS-219-388
US-PATENT-CLASS-34-162
US-PATENT-CLASS-346-108
US-PATENT-CLASS-346-138
US-PATENT-CLASS-346-24
US-PATENT-CLASS-95-89R
US-PATENT-3,781,902

N74-16135* c 35 ..... NASA-CASE-LAR-10595-1
US-PATENT-APPL-SN-273240
US-PATENT-CLASS-340-12R
US-PATENT-CLASS-340-5R
US-PATENT-CLASS-340-8R
US-PATENT-3,783,443

N74-17153* c 35 ..... NASA-CASE-MFS-21087-1
US-PATENT-APPL-SN-149283
US-PATENT-CLASS-350-3.5
US-PATENT-3,752,556

N74-17283* c 27 ..... NASA-CASE-MFS-20486-2
US-PATENT-APPL-SN-292382
US-PATENT-APPL-SN-84212
US-PATENT-CLASS-260-29.6S
US-PATENT-3,784,499

N74-17853* c 54 ..... NASA-CASE-MFS-21163-1
US-PATENT-APPL-SN-266925
US-PATENT-CLASS-222-324
US-PATENT-CLASS-224-444
US-PATENT-3,790,037

N74-17885* c 35 ..... NASA-CASE-MSC-13855-1
US-PATENT-APPL-SN-196931
US-PATENT-CLASS-325-38B
US-PATENT-CLASS-332-11D
US-PATENT-CLASS-340-347AD
US-PATENT-3,795,900

N74-17927* c 33 ..... NASA-CASE-NPO-13138-1
US-PATENT-APPL-SN-335201
US-PATENT-CLASS-328-155
US-PATENT-CLASS-333-16
US-PATENT-CLASS-333-18
US-PATENT-3,790,906

N74-17928* c 33 ..... NASA-CASE-NPO-11966-1
NASA-CASE-NPO-13159-1
US-PATENT-APPL-SN-284245
US-PATENT-CLASS-100-8
US-PATENT-CLASS-336-210
US-PATENT-3,792,399

N74-17929* c 33 ..... NASA-CASE-ARC-10197-1
US-PATENT-APPL-SN-310624
US-PATENT-CLASS-317-16
US-PATENT-CLASS-317-31
US-PATENT-3,795,840

N74-17930* c 33 ..... NASA-CASE-NUC-10107-1
US-PATENT-APPL-SN-201700
US-PATENT-CLASS-324-102
US-PATENT-CLASS-324-118
US-PATENT-CLASS-329-50
US-PATENT-3,795,862

N74-17955* c 09 ..... NASA-CASE-LAR-10812-1
US-PATENT-APPL-SN-263815
US-PATENT-CLASS-73-147
US-PATENT-3,791,207

N74-18088* c 35 ..... NASA-CASE-LAR-11027-1
US-PATENT-APPL-SN-275118
US-PATENT-CLASS-250-338
US-PATENT-CLASS-250-370
US-PATENT-CLASS-250-371
US-PATENT-3,790,795

N74-18089* c 31 ..... NASA-CASE-LAR-10318-1
US-PATENT-APPL-SN-224489
US-PATENT-CLASS-156-245
US-PATENT-CLASS-156-247
US-PATENT-CLASS-156-285
US-PATENT-CLASS-156-309
US-PATENT-3,793,109

N74-18090* c 35 ..... NASA-CASE-NPO-13160-1
US-PATENT-APPL-SN-359157
US-PATENT-CLASS-321-8R
US-PATENT-CLASS-324-57R
US-PATENT-3,795,858

N74-18123* c 37 ..... NASA-CASE-LAR-10634-1
US-PATENT-APPL-SN-214084
US-PATENT-CLASS-23-253PC
US-PATENT-CLASS-23-259
US-PATENT-CLASS-259-72
US-PATENT-CLASS-312-209
US-PATENT-CLASS-356-197
US-PATENT-CLASS-356-85
US-PATENT-3,790,347

N74-18124* c 31 ..... NASA-CASE-LAR-10489-1
US-PATENT-APPL-SN-198763
US-PATENT-CLASS-264-102
US-PATENT-3,790,650

N74-18125* c 37 ..... NASA-CASE-MFS-21309-1
US-PATENT-APPL-SN-244519
US-PATENT-CLASS-180-79.3
US-PATENT-CLASS-301-5P
US-PATENT-3,789,947

N74-18126* c 37 ..... NASA-CASE-MFS-21364-1
US-PATENT-APPL-SN-214006
US-PATENT-CLASS-156-331
US-PATENT-CLASS-161-182
US-PATENT-CLASS-161-192
US-PATENT-CLASS-161-42
US-PATENT-CLASS-161-43
US-PATENT-CLASS-161-93
US-PATENT-CLASS-260-2R
US-PATENT-CLASS-264-135
US-PATENT-CLASS-264-136
US-PATENT-CLASS-264-257
US-PATENT-3,790,432

N74-18127* c 37 ..... NASA-CASE-MFS-21481-1
US-PATENT-APPL-SN-266771
US-PATENT-CLASS-128-25R
US-PATENT-CLASS-272-73
US-PATENT-CLASS-272-80
US-PATENT-CLASS-74-594.6
US-PATENT-CLASS-74-594.7
US-PATENT-3,788,163

N74-18128* c 37 ..... NASA-CASE-LEW-11387-1
US-PATENT-APPL-SN-247090
US-PATENT-CLASS-29-482
US-PATENT-CLASS-29-488
US-PATENT-CLASS-29-497
US-PATENT-CLASS-29-498
US-PATENT-3,787,959

N74-18323* c 35 ..... NASA-CASE-MFS-21136-1
US-PATENT-APPL-SN-262430
US-PATENT-CLASS-308-10
US-PATENT-CLASS-74-5.7
US-PATENT-3,763,708

N74-18551* c 25 ..... NASA-CASE-LAR-11053-1
US-PATENT-APPL-SN-281875
US-PATENT-CLASS-73-15R
US-PATENT-3,789,654

N74-18552* c 34 ..... NASA-CASE-NPO-11120-1
US-PATENT-APPL-SN-39343
US-PATENT-CLASS-165-105
US-PATENT-CLASS-267-166
US-PATENT-CLASS-29-157.3R
US-PATENT-3,789,920

N74-19310* c 72 ..... NASA-CASE-HQN-10740-1
US-PATENT-APPL-SN-266943
US-PATENT-CLASS-356-106R
US-PATENT-CLASS-356-112
US-PATENT-CLASS-356-28
US-PATENT-3,795,448

N74-19528* c 09 ..... NASA-CASE-LAR-10426-1
US-PATENT-APPL-SN-239575
US-PATENT-CLASS-73-15.6
US-PATENT-CLASS-73-91

US-PATENT-3,795,134
N74-19692* c 44 ..... NASA-CASE-GSC-11367-1
US-PATENT-APPL-SN-236985
US-PATENT-CLASS-136-36
US-PATENT-3,759,747
N74-19693* c 44 ..... NASA-CASE-NPO-11806-1
US-PATENT-APPL-SN-228163
US-PATENT-CLASS-136-20
US-PATENT-CLASS-136-30
US-PATENT-3,790,409
N74-19769* c 24 ..... NASA-CASE-ERC-10073-1
US-PATENT-APPL-SN-856253
US-PATENT-CLASS-117-95
US-PATENT-3,796,592
N74-19788* c 32 ..... NASA-CASE-NPO-11820-1
US-PATENT-APPL-SN-266912
US-PATENT-CLASS-307-237
US-PATENT-CLASS-328-160
US-PATENT-CLASS-328-168
US-PATENT-CLASS-328-172
US-PATENT-CLASS-333-14
US-PATENT-3,800,237
N74-19790* c 32 ..... NASA-CASE-MFS-21540-1
US-PATENT-APPL-SN-333912
US-PATENT-CLASS-178-7.1
US-PATENT-CLASS-325-148
US-PATENT-3,800,224
N74-19870* c 44 ..... NASA-CASE-MFS-21470-1
US-PATENT-APPL-SN-340871
US-PATENT-CLASS-325-62
US-PATENT-CLASS-333-17
US-PATENT-CLASS-343-17.7
US-PATENT-CLASS-343-7.5
US-PATENT-3,795,910
N74-20008* c 74 ..... NASA-CASE-GSC-11188-3
US-PATENT-APPL-SN-244566
US-PATENT-APPL-SN-80029
US-PATENT-CLASS-117-45
US-PATENT-3,799,793
N74-20009* c 36 ..... NASA-CASE-NPO-11861-1
US-PATENT-APPL-SN-266911
US-PATENT-CLASS-178-DIG.1
US-PATENT-CLASS-178-6
US-PATENT-CLASS-178-7.6
US-PATENT-3,800,074
N74-20063* c 37 ..... NASA-CASE-LAR-10129-2
US-PATENT-APPL-SN-319410
US-PATENT-APPL-SN-99201
US-PATENT-CLASS-312-1
US-PATENT-3,796,473
N74-20329* c 76 ..... NASA-CASE-GSC-11425-1
US-PATENT-APPL-SN-206266
US-PATENT-CLASS-148-1.5
US-PATENT-3,799,813
N74-20646* c 02 ..... NASA-CASE-LEW-11188-1
US-PATENT-APPL-SN-152328
US-PATENT-CLASS-137-15.1
US-PATENT-CLASS-137-15.2
US-PATENT-CLASS-244-53B
US-PATENT-3,799,475
N74-20725* c 54 ..... NASA-CASE-MFS-22102-1
US-PATENT-APPL-SN-341621
US-PATENT-CLASS-4-10
US-PATENT-CLASS-4-120
US-PATENT-3,805,303
N74-20726* c 52 ..... NASA-CASE-ARC-10597-1
US-PATENT-APPL-SN-281876
US-PATENT-CLASS-128-2V
US-PATENT-CLASS-73-67.9
US-PATENT-3,802,253
N74-20728* c 52 ..... NASA-CASE-MFS-21415-1
US-PATENT-APPL-SN-318152
US-PATENT-CLASS-128-2.07
US-PATENT-CLASS-128-2.08
US-PATENT-CLASS-73-23
US-PATENT-CLASS-73-421.5R
US-PATENT-3,799,149
N74-20809* c 32 ..... NASA-CASE-MSC-12462-1
US-PATENT-APPL-SN-274360
US-PATENT-CLASS-178-88
US-PATENT-CLASS-325-320
US-PATENT-CLASS-325-423
US-PATENT-3,800,227
N74-20810* c 32 ..... NASA-CASE-MSC-12494-1
US-PATENT-APPL-SN-304705
US-PATENT-CLASS-325-321
US-PATENT-CLASS-325-419
US-PATENT-3,806,816
N74-20811* c 32 ..... NASA-CASE-NPO-13103-1
US-PATENT-APPL-SN-338484
US-PATENT-CLASS-325-320
US-PATENT-CLASS-325-419
US-PATENT-CLASS-329-122
US-PATENT-3,806,815
N74-20813* c 32 ..... NASA-CASE-FRC-10071-1
US-PATENT-APPL-SN-307727
US-PATENT-CLASS-178-7.7
US-PATENT-CLASS-315-18
US-PATENT-CLASS-315-22
US-PATENT-3,803,445
N74-20836* c 60 ..... NASA-CASE-ERC-10180-1
US-PATENT-APPL-SN-838278
US-PATENT-CLASS-235-164
US-PATENT-3,803,393
N74-20859* c 33 ..... NASA-CASE-XLE-2529-3
US-PATENT-APPL-SN-288856
US-PATENT-APPL-SN-487929
US-PATENT-APPL-SN-848403
US-PATENT-CLASS-315-211
US-PATENT-CLASS-315-228
US-PATENT-CLASS-331-94.5D
US-PATENT-CLASS-332-7.51
US-PATENT-3,806,835
N74-20860* c 33 ..... NASA-CASE-GSC-11446-1
US-PATENT-APPL-SN-263230
US-PATENT-CLASS-343-DIG.2
US-PATENT-CLASS-343-100SA
US-PATENT-CLASS-343-100ST
US-PATENT-CLASS-343-854
US-PATENT-3,806,932
N74-20861* c 33 ..... NASA-CASE-GSC-11560-1
US-PATENT-APPL-SN-361906
US-PATENT-CLASS-350-269
US-PATENT-CLASS-354-234
US-PATENT-CLASS-95-53EA
US-PATENT-3,804,506
N74-20862* c 33 ..... NASA-CASE-GSC-11513-1
US-PATENT-APPL-SN-315069
US-PATENT-CLASS-331-108A
US-PATENT-CLASS-331-115
US-PATENT-CLASS-331-116R
US-PATENT-CLASS-331-159
US-PATENT-3,806,831
N74-20863* c 32 ..... NASA-CASE-GSC-11909
US-PATENT-APPL-SN-244158
US-PATENT-CLASS-343-730
US-PATENT-CLASS-343-786
US-PATENT-CLASS-343-797
US-PATENT-CLASS-343-853
US-PATENT-3,803,617
N74-20864* c 32 ..... NASA-CASE-GSC-11428-1
US-PATENT-APPL-SN-292685
US-PATENT-CLASS-343-708
US-PATENT-CLASS-343-769
US-PATENT-CLASS-343-853
US-PATENT-3,805,266
N74-21014* c 71 ..... NASA-CASE-HQN-10832-1
US-PATENT-APPL-SN-301417
US-PATENT-CLASS-178-DIG.32
US-PATENT-CLASS-178-5.8R
US-PATENT-CLASS-178-7.2
US-PATENT-CLASS-340-407
US-PATENT-CLASS-35-35A
US-PATENT-3,800,082
N74-21015* c 19 ..... NASA-CASE-LAR-10626-1
US-PATENT-APPL-SN-202750
US-PATENT-CLASS-33-1SA
US-PATENT-CLASS-33-46R
US-PATENT-3,798,778
N74-21017* c 35 ..... NASA-CASE-MFS-21660-1
US-PATENT-APPL-SN-310616
US-PATENT-CLASS-324-83Q
US-PATENT-3,806,802
N74-21018* c 35 ..... NASA-CASE-LEW-10981-1
US-PATENT-APPL-SN-214089
US-PATENT-CLASS-310-11
US-PATENT-CLASS-324-34FL
US-PATENT-CLASS-73-194EM
US-PATENT-3,802,262
N74-21019* c 35 ..... NASA-CASE-GSC-11600-1
US-PATENT-APPL-SN-318357
US-PATENT-CLASS-73-1F
US-PATENT-3,802,249
N74-21055* c 37 ..... NASA-CASE-LEW-11388-2
US-PATENT-APPL-SN-289033
US-PATENT-APPL-SN-293726
US-PATENT-CLASS-29-487
US-PATENT-CLASS-29-494
US-PATENT-CLASS-29-498
US-PATENT-CLASS-29-504
US-PATENT-3,798,748
N74-21056* c 37 ..... NASA-CASE-LAR-10688-1
US-PATENT-APPL-SN-285705
US-PATENT-CLASS-235-151
US-PATENT-CLASS-235-92PE
US-PATENT-CLASS-235-92SB
US-PATENT-3,800,253
N74-21057* c 37 ..... NASA-CASE-LAR-10941-1
US-PATENT-APPL-SN-289048
US-PATENT-CLASS-29-470.1
US-PATENT-3,797,098
N74-21058* c 37 ..... NASA-CASE-MFS-22411-1
US-PATENT-APPL-SN-382262
US-PATENT-CLASS-260-448.2N
US-PATENT-3,801,617
N74-21059* c 31 ..... NASA-CASE-LAR-10409-1
US-PATENT-APPL-SN-340864
US-PATENT-CLASS-29-423
US-PATENT-3,798,741
N74-21060* c 37 ..... NASA-CASE-NPO-13105-1
US-PATENT-APPL-SN-283502
US-PATENT-CLASS-60-25
US-PATENT-3,798,896
N74-21061* c 37 ..... NASA-CASE-LEW-11076-1
US-PATENT-APPL-SN-238264
US-PATENT-CLASS-308-73
US-PATENT-3,804,472
N74-21062* c 35 ..... NASA-CASE-LAR-10295-1
US-PATENT-APPL-SN-221685
US-PATENT-CLASS-73-12
US-PATENT-CLASS-73-432
US-PATENT-3,805,622
N74-21063* c 37 ..... NASA-CASE-LEW-10698-1
US-PATENT-APPL-SN-30498
US-PATENT-CLASS-106-52
US-PATENT-CLASS-117-129
US-PATENT-CLASS-161-196
US-PATENT-CLASS-65-DIG.11
US-PATENT-3,804,703
N74-21064* c 37 ..... NASA-CASE-LEW-11087-3
US-PATENT-APPL-SN-201904
US-PATENT-APPL-SN-346361
US-PATENT-CLASS-308-188
US-PATENT-CLASS-308-191
US-PATENT-3,802,753
N74-21065* c 37 ..... NASA-CASE-NPO-11951-1
US-PATENT-APPL-SN-287150
US-PATENT-CLASS-137-828
US-PATENT-CLASS-251-120
US-PATENT-CLASS-251-122
US-PATENT-CLASS-251-210
US-PATENT-3,802,660
N74-21091* c 36 ..... NASA-CASE-GSC-11262-1
US-PATENT-APPL-SN-162380
US-PATENT-CLASS-250-204
US-PATENT-CLASS-33-285
US-PATENT-CLASS-356-141
US-PATENT-CLASS-356-152
US-PATENT-CLASS-356-172
US-PATENT-3,804,525
N74-21156* c 27 ..... NASA-CASE-ARC-10592-1
US-PATENT-APPL-SN-321179
US-PATENT-CLASS-260.46.5E
US-PATENT-3,803,090
N74-21300* c 70 ..... NASA-CASE-ARC-10516-1
US-PATENT-APPL-SN-267768
US-PATENT-CLASS-350-270
US-PATENT-CLASS-354-234
US-PATENT-3,797,919
N74-21304* c 74 ..... NASA-CASE-GSC-11353-1
US-PATENT-APPL-SN-260241
US-PATENT-CLASS-250-231SE
US-PATENT-CLASS-350-299
US-PATENT-CLASS-356-152
US-PATENT-3,802,779
N74-21850* c 33 ..... NASA-CASE-GSC-11602-1
US-PATENT-APPL-SN-298157
US-PATENT-CLASS-315-10
US-PATENT-CLASS-315-11
US-PATENT-CLASS-315-12
US-PATENT-3,806,756
N74-21851* c 33 ..... NASA-CASE-ARC-10596-1
US-PATENT-APPL-SN-267862
US-PATENT-CLASS-330-28
US-PATENT-CLASS-330-59
US-PATENT-3,811,094
N74-22095* c 35 ..... NASA-CASE-NPO-10617-1
US-PATENT-APPL-SN-828920
US-PATENT-CLASS-73-190H
US-PATENT-3,648,516
N74-22096* c 32 ..... NASA-CASE-XLE-04791
US-PATENT-APPL-SN-582213
US-PATENT-CLASS-330-103
US-PATENT-3,404,348
N74-22136* c 18 ..... NASA-CASE-MFS-20922-1
US-PATENT-APPL-SN-220274
US-PATENT-CLASS-244-1SS
US-PATENT-CLASS-49-68
US-PATENT-CLASS-61-83
US-PATENT-3,807,656
N74-22771* c 52 ..... NASA-CASE-ARC-10447-1
US-PATENT-APPL-SN-311175
US-PATENT-CLASS-128-214E
US-PATENT-CLASS-235-151.3
US-PATENT-3,809,871
N74-22814* c 33 ..... NASA-CASE-NPO-13081-1
US-PATENT-APPL-SN-345372
US-PATENT-CLASS-307-215

US-PATENT-CLASS-236-49
US-PATENT-CLASS-98-39
US-PATENT-3,818,814

N74-27903* c 37 ..... NASA-CASE-MSC-12549-1
US-PATENT-APPL-SN-301039
US-PATENT-CLASS-244-1SD
US-PATENT-3,820,741

N74-27904* c 37 ..... NASA-CASE-LEW-11672-1
US-PATENT-APPL-SN-305639
US-PATENT-CLASS-417-52
US-PATENT-3,819,299

N74-27905* c 37 ..... NASA-CASE-LAR-10450-1
US-PATENT-APPL-SN-289017
US-PATENT-CLASS-51-225
US-PATENT-CLASS-51-234
US-PATENT-CLASS-51-97R
US-PATENT-3,820,286

N74-28097* c 35 ..... NASA-CASE-GSC-11479-1
US-PATENT-APPL-SN-293739
US-PATENT-CLASS-244-1SA
US-PATENT-CLASS-74-5.5
US-PATENT-3,818,767

N74-28226* c 07 ..... NASA-CASE-LEW-11402-1
US-PATENT-APPL-SN-219806
US-PATENT-CLASS-415-181
US-PATENT-CLASS-416-223
US-PATENT-CLASS-416-237
US-PATENT-3,820,918

N74-29410* c 19 ..... NASA-CASE-MFS-21577-1
US-PATENT-APPL-SN-343308
US-PATENT-CLASS-250-372
US-PATENT-CLASS-250-394
US-PATENT-3,825,760

N74-29556* c 33 ..... NASA-CASE-KSC-10769-1
US-PATENT-APPL-SN-374583
US-PATENT-CLASS-318-602
US-PATENT-CLASS-318-603
US-PATENT-CLASS-318-664
US-PATENT-3,826,964

N74-30001* c 24 ..... NASA-CASE-LAR-10416-1
US-PATENT-APPL-SN-251752
US-PATENT-CLASS-156-94
US-PATENT-3,814,645

N74-30156* c 75 ..... NASA-CASE-ARC-10598-1
US-PATENT-APPL-SN-318151
US-PATENT-CLASS-356-201
US-PATENT-CLASS-356-43
US-PATENT-CLASS-356-73
US-PATENT-CLASS-356-85
US-PATENT-CLASS-356-87
US-PATENT-3,817,622

N74-30421* c 08 ..... NASA-CASE-LAR-10753-1
US-PATENT-APPL-SN-289018
US-PATENT-CLASS-244-327
US-PATENT-CLASS-244-90R
US-PATENT-CLASS-244-91
US-PATENT-3,826,448

N74-30502* c 25 ..... NASA-CASE-LEW-10906-1
US-PATENT-APPL-SN-245279
US-PATENT-APPL-SN-876588
US-PATENT-CLASS-204-157.1H
US-PATENT-3,826,726

N74-30523* c 32 ..... NASA-CASE-NPO-11921-1
US-PATENT-APPL-SN-359039
US-PATENT-CLASS-179-15BC
US-PATENT-CLASS-325-346
US-PATENT-3,828,138

N74-30524* c 32 ..... NASA-CASE-MSC-13912-1
US-PATENT-APPL-SN-310034
US-PATENT-CLASS-179-15AT
US-PATENT-CLASS-179-15BY
US-PATENT-3,828,137

N74-30597* c 09 ..... NASA-CASE-LAR-10550-1
US-PATENT-APPL-SN-261183
US-PATENT-CLASS-35-12E
US-PATENT-3,824,707

N74-30608* c 34 ..... NASA-CASE-LAR-10194-1
US-PATENT-APPL-SN-169962
US-PATENT-CLASS-55-159
US-PATENT-CLASS-55-199
US-PATENT-CLASS-55-43
US-PATENT-3,828,524

N74-30886* c 89 ..... NASA-CASE-GSC-11569-1
US-PATENT-APPL-SN-293725
US-PATENT-CLASS-250-203R
US-PATENT-CLASS-33-268
US-PATENT-CLASS-356-141
US-PATENT-CLASS-356-147
US-PATENT-3,827,807

N74-31148* c 71 ..... NASA-CASE-NPO-11623-1
US-PATENT-APPL-SN-235338
US-PATENT-CLASS-181.5R
US-PATENT-CLASS-73-69
US-PATENT-CLASS-73-71.5R
US-PATENT-3,827,288

N74-31269* c 20 ..... NASA-CASE-LEW-11646-1
US-PATENT-APPL-SN-292686
US-PATENT-CLASS-204-192
US-PATENT-3,826,729

N74-31270* c 07 ..... NASA-CASE-LAR-10642-1
US-PATENT-APPL-SN-266820
US-PATENT-CLASS-137-15.1
US-PATENT-CLASS-415-181
US-PATENT-3,829,237

N74-32418* c 07 ..... NASA-CASE-LAR-11141-1
US-PATENT-APPL-SN-359957
US-PATENT-CLASS-181-33C
US-PATENT-CLASS-181-33F
US-PATENT-CLASS-181-33H
US-PATENT-CLASS-181-33L
US-PATENT-CLASS-181-42
US-PATENT-3,830,335

N74-32546* c 54 ..... NASA-CASE-MSC-11072
US-PATENT-APPL-SN-689455
US-PATENT-CLASS-156-218
US-PATENT-CLASS-2-2.1A
US-PATENT-CLASS-2-82
US-PATENT-3,832,735

N74-32598* c 32 ..... NASA-CASE-MSC-14070-1
US-PATENT-APPL-SN-266940
US-PATENT-CLASS-340-146.1AQ
US-PATENT-3,831,142

N74-32660* c 33 ..... NASA-CASE-GSC-11617-1
US-PATENT-APPL-SN-402865
US-PATENT-CLASS-330-4.9
US-PATENT-CLASS-330-53
US-PATENT-3,833,857

N74-32711* c 33 ..... NASA-CASE-MSC-14130-1
US-PATENT-APPL-SN-373587
US-PATENT-CLASS-307-267
US-PATENT-CLASS-328-58
US-PATENT-3,831,098

N74-32712* c 33 ..... NASA-CASE-NPO-11948-1
US-PATENT-APPL-SN-306652
US-PATENT-CLASS-307-230
US-PATENT-CLASS-330-69
US-PATENT-CLASS-333-80R
US-PATENT-3,831,117

N74-32877* c 35 ..... NASA-CASE-LAR-10806-1
US-PATENT-APPL-SN-322998
US-PATENT-CLASS-33-1M
US-PATENT-CLASS-33-23R
US-PATENT-CLASS-338-89
US-PATENT-CLASS-340-347AD
US-PATENT-CLASS-346-33R
US-PATENT-3,832,781

N74-32878* c 35 ..... NASA-CASE-LAR-11139-1
US-PATENT-APPL-SN-287149
US-PATENT-CLASS-73-182
US-PATENT-CLASS-73-388
US-PATENT-3,832,903

N74-32879* c 35 ..... NASA-CASE-MSC-14187-1
US-PATENT-APPL-SN-326326
US-PATENT-CLASS-23-230L
US-PATENT-CLASS-73-104
US-PATENT-CLASS-73-15.4
US-PATENT-CLASS-73-40.7
US-PATENT-3,830,094

N74-32917* c 31 ..... NASA-CASE-NPO-13205-1
US-PATENT-APPL-SN-393525
US-PATENT-CLASS-425-28B
US-PATENT-CLASS-425-35
US-PATENT-3,833,322

N74-32918* c 37 ..... NASA-CASE-NPO-13157-1
US-PATENT-APPL-SN-370872
US-PATENT-CLASS-29-203H
US-PATENT-CLASS-29-268
US-PATENT-3,832,764

N74-32919* c 20 ..... NASA-CASE-LEW-11118-1
US-PATENT-APPL-SN-289050
US-PATENT-CLASS-204-9
US-PATENT-3,832,290

N74-32920* c 31 ..... NASA-CASE-LAR-10489-2
US-PATENT-APPL-SN-198763
US-PATENT-APPL-SN-350300
US-PATENT-CLASS-249-145
US-PATENT-CLASS-249-184
US-PATENT-CLASS-249-83
US-PATENT-CLASS-249-95
US-PATENT-CLASS-425-128
US-PATENT-CLASS-425-415
US-PATENT-3,830,609

N74-32921* c 37 ..... NASA-CASE-LEW-11076-2
US-PATENT-APPL-SN-238264
US-PATENT-APPL-SN-346483
US-PATENT-CLASS-308-121
US-PATENT-3,830,552

N74-33209* c 28 ..... NASA-CASE-NPO-11975-1
US-PATENT-APPL-SN-329243
US-PATENT-CLASS-149-17
US-PATENT-CLASS-149-60
US-PATENT-CLASS-149-76
US-PATENT-3,830,673

N74-33218* c 07 ..... NASA-CASE-ARC-10712-1
US-PATENT-APPL-SN-344410
US-PATENT-CLASS-181-33HC
US-PATENT-CLASS-239-265.11
US-PATENT-3,830,431

N74-33378* c 25 ..... NASA-CASE-MFS-21675-1
US-PATENT-APPL-SN-392823
US-PATENT-CLASS-23-277C
US-PATENT-CLASS-431-202
US-PATENT-3,833,336

N74-33379* c 44 ..... NASA-CASE-ARC-10461-1
US-PATENT-APPL-SN-336319
US-PATENT-CLASS-60-527
US-PATENT-3,830,060

N74-34638* c 33 ..... NASA-CASE-MFS-22343-1
US-PATENT-APPL-SN-329237
US-PATENT-CLASS-307-18
US-PATENT-CLASS-307-295
US-PATENT-CLASS-307-304
US-PATENT-CLASS-307-35
US-PATENT-3,840,829

N74-34672* c 85 ..... NASA-CASE-LAR-10256-1
US-PATENT-APPL-SN-220785
US-PATENT-CLASS-104-138R
US-PATENT-CLASS-104-23FS
US-PATENT-CLASS-238-134
US-PATENT-3,837,285

N74-34857* c 35 ..... NASA-CASE-LAR-11428-1
US-PATENT-APPL-SN-188836
US-PATENT-APPL-SN-357126
US-PATENT-CLASS-250-281
US-PATENT-CLASS-250-295
US-PATENT-3,835,318

N75-12086* c 25 ..... NASA-CASE-ARC-10469-1
US-PATENT-APPL-SN-281908
US-PATENT-CLASS-195-103.5R
US-PATENT-3,846,243

N75-12087* c 25 ..... NASA-CASE-ARC-10643-1
US-PATENT-APPL-SN-513389
US-PATENT-CLASS-117-161UA
US-PATENT-CLASS-117-161UN
US-PATENT-CLASS-117-161UZ
US-PATENT-CLASS-117-93.1GD
US-PATENT-CLASS-204-177
US-PATENT-CLASS-210-500
US-PATENT-CLASS-264-217
US-PATENT-CLASS-264-22
US-PATENT-3,847,652

N75-12161* c 31 ..... NASA-CASE-MFS-20775-1
US-PATENT-APPL-SN-356664
US-PATENT-CLASS-118-49.1
US-PATENT-3,847,115

N75-12222* c 34 ..... NASA-CASE-GSC-11619-1
US-PATENT-APPL-SN-397476
US-PATENT-CLASS-138-113
US-PATENT-CLASS-138-114
US-PATENT-CLASS-138-148
US-PATENT-CLASS-165-1
US-PATENT-CLASS-165-105
US-PATENT-CLASS-165-47
US-PATENT-CLASS-220-15
US-PATENT-CLASS-244-1SC
US-PATENT-3,847,208

N75-12270* c 35 ..... NASA-CASE-KSC-10750-1
US-PATENT-APPL-SN-346372
US-PATENT-CLASS-324-158T
US-PATENT-CLASS-324-60C
US-PATENT-3,848,190

N75-12271* c 35 ..... NASA-CASE-MFS-20994-1
US-PATENT-APPL-SN-386789
US-PATENT-CLASS-128-2V
US-PATENT-CLASS-73-67.1
US-PATENT-3,847,141

N75-12272* c 35 ..... NASA-CASE-LAR-11069-1
US-PATENT-APPL-SN-326198
US-PATENT-CLASS-195-127
US-PATENT-3,841,973

N75-12273* c 35 ..... NASA-CASE-MFS-20506-1
US-PATENT-APPL-SN-328792
US-PATENT-CLASS-33-DIG.13
US-PATENT-CLASS-33-180R
US-PATENT-CLASS-350-292
US-PATENT-3,842,509

N75-12326* c 37 ..... NASA-CASE-LAR-11211-1
US-PATENT-APPL-SN-302681
US-PATENT-CLASS-29-470.1
US-PATENT-CLASS-29-475
US-PATENT-3,842,485

N75-12616* c 54 ..... NASA-CASE-MFS-21611-1
US-PATENT-APPL-SN-403694
US-PATENT-CLASS-214-1CM
US-PATENT-CLASS-307-149
US-PATENT-CLASS-308-174
US-PATENT-3,849,668

N75-12732* c 74 ..... NASA-CASE-ARC-10448-2

US-PATENT-APPL-SN-452761
US-PATENT-CLASS-307-227
US-PATENT-CLASS-321-15
US-PATENT-CLASS-324-32
US-PATENT-3,869,659

N75-19524* c 33 ..... NASA-CASE-NPO-13374-1
US-PATENT-APPL-SN-449118
US-PATENT-CLASS-318-137
US-PATENT-CLASS-318-167
US-PATENT-CLASS-318-176
US-PATENT-CLASS-318-183
US-PATENT-3,867,677

N75-19611* c 35 ..... NASA-CASE-LAR-11071-1
US-PATENT-APPL-SN-334349
US-PATENT-CLASS-417-138
US-PATENT-CLASS-417-36
US-PATENT-CLASS-417-395
US-PATENT-CLASS-73-221
US-PATENT-3,864,060

N75-19612* c 35 ..... NASA-CASE-LAR-11237-1
US-PATENT-APPL-SN-402868
US-PATENT-CLASS-340-242
US-PATENT-CLASS-73-46
US-PATENT-CLASS-73-49.2
US-PATENT-3,864,960

N75-19613* c 35 ..... NASA-CASE-LAR-11207-1
US-PATENT-APPL-SN-385013
US-PATENT-CLASS-178-DIG.20
US-PATENT-CLASS-250-332
US-PATENT-CLASS-356-186
US-PATENT-CLASS-356-189
US-PATENT-CLASS-356-83
US-PATENT-CLASS-356-96
US-PATENT-3,869,212

N75-19614* c 35 ..... NASA-CASE-LAR-11173-1
US-PATENT-APPL-SN-354408
US-PATENT-CLASS-332-2
US-PATENT-CLASS-73-557
US-PATENT-3,868,856

N75-19615* c 35 ..... NASA-CASE-MFS-22189-1
US-PATENT-APPL-SN-405342
US-PATENT-CLASS-33-148D
US-PATENT-CLASS-73-143
US-PATENT-3,864,953

N75-19616* c 35 ..... NASA-CASE-MFS-20932-1
US-PATENT-APPL-SN-374441
US-PATENT-CLASS-250-505
US-PATENT-CLASS-250-508
US-PATENT-CLASS-250-510
US-PATENT-3,869,615

N75-19652* c 36 ..... NASA-CASE-NPO-13131-1
US-PATENT-APPL-SN-390468
US-PATENT-CLASS-178-7.1
US-PATENT-CLASS-250-211R
US-PATENT-CLASS-250-578
US-PATENT-CLASS-315-169R
US-PATENT-CLASS-340-173LS
US-PATENT-3,865,975

N75-19653* c 36 ..... NASA-CASE-HQN-10844-1
US-PATENT-APPL-SN-412080
US-PATENT-CLASS-356-106LR
US-PATENT-3,869,210

N75-19654* c 36 ..... NASA-CASE-GSC-11746-1
US-PATENT-APPL-SN-393528
US-PATENT-CLASS-331-94.5M
US-PATENT-3,869,680

N75-19655* c 36 ..... NASA-CASE-LAR-11341-1
US-PATENT-APPL-SN-367293
US-PATENT-CLASS-330-4.3
US-PATENT-CLASS-331-94.5P
US-PATENT-3,868,591

N75-19683* c 37 ..... NASA-CASE-MSC-19095-1
US-PATENT-APPL-SN-415486
US-PATENT-CLASS-219-137
US-PATENT-3,864,542

N75-19684* c 37 ..... NASA-CASE-NPO-13345-1
US-PATENT-APPL-SN-462705
US-PATENT-CLASS-204-192
US-PATENT-CLASS-204-298
US-PATENT-3,864,239

N75-19685* c 37 ..... NASA-CASE-MFS-21606-1
US-PATENT-APPL-SN-356555
US-PATENT-CLASS-292-DIG.14
US-PATENT-CLASS-292-108
US-PATENT-CLASS-292-122
US-PATENT-3,869,160

N75-19686* c 37 ..... NASA-CASE-MFS-19193-1
US-PATENT-APPL-SN-461477
US-PATENT-CLASS-285-114
US-PATENT-CLASS-285-226
US-PATENT-3,869,151

N75-20139* c 77 ..... NASA-CASE-MSC-14143-1
US-PATENT-APPL-SN-393526
US-PATENT-CLASS-165-110
US-PATENT-CLASS-165-111
US-PATENT-CLASS-62-285
US-PATENT-CLASS-62-288
US-PATENT-CLASS-62-289
US-PATENT-CLASS-62-290
US-PATENT-CLASS-62-317
US-PATENT-CLASS-62-93
US-PATENT-3,868,830

N75-20140* c 77 ..... NASA-CASE-GSC-11752-1
US-PATENT-APPL-SN-446569
US-PATENT-CLASS-219-497
US-PATENT-CLASS-219-501
US-PATENT-CLASS-219-505
US-PATENT-3,869,597

N75-21485* c 32 ..... NASA-CASE-MSC-12607-1
US-PATENT-APPL-SN-407323
US-PATENT-CLASS-178-DIG.12
US-PATENT-CLASS-358-36
US-PATENT-3,875,584

N75-21486* c 32 ..... NASA-CASE-MSC-14558-1
US-PATENT-APPL-SN-428994
US-PATENT-CLASS-178-58A
US-PATENT-CLASS-178-79
US-PATENT-3,875,332

N75-21582* c 35 ..... NASA-CASE-MFS-22671-1
US-PATENT-APPL-SN-419831
US-PATENT-CLASS-178-69A
US-PATENT-CLASS-235-181
US-PATENT-CLASS-324-57PS
US-PATENT-CLASS-324-77H
US-PATENT-CLASS-325-67
US-PATENT-3,875,500

N75-21631* c 37 ..... NASA-CASE-LEW-11274-1
US-PATENT-APPL-SN-380630
US-PATENT-CLASS-277-134
US-PATENT-CLASS-277-27
US-PATENT-CLASS-277-40
US-PATENT-3,874,677

N75-23910* c 35 ..... NASA-CASE-NPO-13327-1
US-PATENT-APPL-SN-429437
US-PATENT-CLASS-247-171
US-PATENT-CLASS-250-203
US-PATENT-CLASS-250-211R
US-PATENT-3,875,404

N75-24716* c 05 ..... NASA-CASE-MSC-14339-1
US-PATENT-APPL-SN-347953
US-PATENT-CLASS-128.2.06E
US-PATENT-CLASS-128-DIG.4
US-PATENT-CLASS-128-2.06B
US-PATENT-3,882,846

N75-24736* c 07 ..... NASA-CASE-ARC-10754-1
US-PATENT-APPL-SN-398886
US-PATENT-CLASS-137-15.1
US-PATENT-CLASS-244-53B
US-PATENT-3,883,095

N75-24758* c 09 ..... NASA-CASE-GSC-11127-1
US-PATENT-APPL-SN-401466
US-PATENT-CLASS-318-314
US-PATENT-CLASS-318-318
US-PATENT-CLASS-318-341
US-PATENT-3,883,785

N75-24774* c 12 ..... NASA-CASE-NPO-13263-1
US-PATENT-APPL-SN-393523
US-PATENT-CLASS-73-505
US-PATENT-3,882,732

N75-24794* c 14 ..... NASA-CASE-MFS-21488-1
US-PATENT-APPL-SN-359156
US-PATENT-CLASS-73-143
US-PATENT-3,882,719

N75-24837* c 20 ..... NASA-CASE-NPO-13303-1
US-PATENT-APPL-SN-457295
US-PATENT-CLASS-310-10
US-PATENT-CLASS-310-4
US-PATENT-CLASS-310-40
US-PATENT-CLASS-310-52
US-PATENT-CLASS-335-216
US-PATENT-CLASS-60-516
US-PATENT-CLASS-60-530
US-PATENT-CLASS-62-3
US-PATENT-CLASS-62-467
US-PATENT-3,875,435

N75-24981* c 32 ..... NASA-CASE-GSC-11743-1
US-PATENT-APPL-SN-370271
US-PATENT-CLASS-178-66R
US-PATENT-CLASS-325-30
US-PATENT-CLASS-325-60
US-PATENT-3,878,464

N75-24982* c 32 ..... NASA-CASE-NPO-13140-1
US-PATENT-APPL-SN-374422
US-PATENT-CLASS-343-100PE
US-PATENT-CLASS-343-5GC
US-PATENT-3,883,872

N75-25040* c 33 ..... NASA-CASE-GSC-11623-1
US-PATENT-APPL-SN-389929
US-PATENT-CLASS-331-1A
US-PATENT-CLASS-331-18
US-PATENT-CLASS-331-25
US-PATENT-3,883,817

N75-25041* c 33 ..... NASA-CASE-ARC-10364-2
US-PATENT-APPL-SN-209618
US-PATENT-APPL-SN-433968
US-PATENT-CLASS-307-321
US-PATENT-CLASS-324-DIG.1
US-PATENT-CLASS-329-166
US-PATENT-CLASS-329-204
US-PATENT-3,883,812

N75-25122* c 35 ..... NASA-CASE-NPO-10764-2
US-PATENT-APPL-SN-273519
US-PATENT-APPL-SN-636280
US-PATENT-CLASS-116-114.5
US-PATENT-CLASS-117-72
US-PATENT-CLASS-73-356
US-PATENT-3,874,240

N75-25123* c 35 ..... NASA-CASE-NPO-13214-1
NASA-CASE-NPO-13215-1
US-PATENT-APPL-SN-394149
US-PATENT-CLASS-178-DIG.29
US-PATENT-CLASS-178-7.2
US-PATENT-3,883,689

N75-25124* c 35 ..... NASA-CASE-MFS-21704-1
US-PATENT-APPL-SN-386793
US-PATENT-CLASS-350-3.5
US-PATENT-3,883,215

N75-25185* c 37 ..... NASA-CASE-NPO-13360-1
US-PATENT-APPL-SN-401920
US-PATENT-CLASS-228-1
US-PATENT-CLASS-251-333
US-PATENT-3,874,635

N75-25186* c 37 ..... NASA-CASE-MFS-22649-1
US-PATENT-APPL-SN-398901
US-PATENT-CLASS-408-112
US-PATENT-CLASS-408-186
US-PATENT-CLASS-408-193
US-PATENT-CLASS-408-195
US-PATENT-3,877,833

N75-25503* c 51 ..... NASA-CASE-ARC-10722-1
US-PATENT-APPL-SN-428995
US-PATENT-CLASS-47-1.2
US-PATENT-CLASS-47-39
US-PATENT-CLASS-47-58
US-PATENT-3,882,634

N75-25706* c 74 ..... NASA-CASE-HQN-10542-1
US-PATENT-APPL-SN-163151
US-PATENT-CLASS-178-DIG.25
US-PATENT-CLASS-250-566
US-PATENT-CLASS-350-311
US-PATENT-3,883,436

N75-25730* c 76 ..... NASA-CASE-GSC-11425-2
US-PATENT-APPL-SN-206266
US-PATENT-APPL-SN-394206
US-PATENT-CLASS-357-23
US-PATENT-CLASS-357-29
US-PATENT-CLASS-357-42
US-PATENT-CLASS-357-52
US-PATENT-CLASS-357-54
US-PATENT-CLASS-357-91
US-PATENT-3,882,530

N75-25914* c 05 ..... NASA-CASE-LAR-11252-1
US-PATENT-APPL-SN-367268
US-PATENT-CLASS-D12-76
US-PATENT-CLASS-244-13
US-PATENT-CLASS-244-15
US-PATENT-CLASS-244-42DA
US-PATENT-CLASS-244-55
US-PATENT-3,884,432

N75-25915* c 05 ..... NASA-CASE-ARC-10519-2
US-PATENT-APPL-SN-452767
US-PATENT-CLASS-280-150SB
US-PATENT-CLASS-297-385
US-PATENT-CLASS-297-388
US-PATENT-CLASS-297-389
US-PATENT-3,887,233

N75-26043* c 25 ..... NASA-CASE-LAR-11144-1
US-PATENT-APPL-SN-426405
US-PATENT-CLASS-117-106A
US-PATENT-CLASS-117-107.2
US-PATENT-CLASS-117-201
US-PATENT-CLASS-118-48
US-PATENT-CLASS-118-49.1
US-PATENT-CLASS-148-175
US-PATENT-CLASS-252-62.3GA
US-PATENT-3,888,705

N75-26194* c 32 ..... NASA-CASE-NPO-13217-1
US-PATENT-APPL-SN-362145
US-PATENT-CLASS-343-105R
US-PATENT-CLASS-343-112D
US-PATENT-3,889,264

N75-26195* c 32 ..... NASA-CASE-NPO-13321-1
US-PATENT-APPL-SN-455163
US-PATENT-CLASS-178-69.5R
US-PATENT-CLASS-179-15BS
US-PATENT-CLASS-325-4
US-PATENT-3,889,064

N75-26243* c 33 ..... NASA-CASE-GSC-11744-1

US-PATENT-CLASS-73-88.5
US-PATENT-3,905,356
N75-31330* c 33 ..... NASA-CASE-NPO-13426-1
US-PATENT-APPL-SN-45053
US-PATENT-CLASS-307-225R
US-PATENT-CLASS-328-41
US-PATENT-3,906,374
N75-31331* c 33 ..... NASA-CASE-NPO-11156-2
US-PATENT-APPL-SN-174684
US-PATENT-CLASS-307-238
US-PATENT-CLASS-340-173CA
US-PATENT-CLASS-357-24
US-PATENT-CLASS-357-7
US-PATENT-3,906,296
N75-31332* c 33 ..... NASA-CASE-NPO-13348-1
US-PATENT-APPL-SN-452770
US-PATENT-CLASS-250-238
US-PATENT-CLASS-250-370
US-PATENT-CLASS-357-5
US-PATENT-3,906,231
N75-31426* c 36 ..... NASA-CASE-ARC-10370-1
US-PATENT-APPL-SN-137391
US-PATENT-CLASS-331-94.5G
US-PATENT-CLASS-331-94.5P
US-PATENT-3,906,397
N75-31427* c 36 ..... NASA-CASE-NPO-13175-1
US-PATENT-APPL-SN-374423
US-PATENT-CLASS-331-94.5C
US-PATENT-CLASS-350-161
US-PATENT-CLASS-350-96WG
US-PATENT-3,906,393
N75-31446* c 37 ..... NASA-CASE-LEW-11925-1
US-PATENT-APPL-SN-450505
US-PATENT-CLASS-308-191
US-PATENT-CLASS-308-195
US-PATENT-CLASS-308-201
US-PATENT-3,905,660
N75-32441* c 36 ..... NASA-CASE-NPO-13449-1
US-PATENT-APPL-SN-420813
US-PATENT-CLASS-310-11
US-PATENT-CLASS-330-4.3
US-PATENT-CLASS-331-94.5PE
US-PATENT-CLASS-331-94-5G
US-PATENT-3,906,398
N75-32465*# c 37 ..... NASA-CASE-ARC-10907-1
US-PATENT-APPL-SN-619986
N75-32581* c 44 ..... NASA-CASE-MFS-21628-1
US-PATENT-APPL-SN-421702
US-PATENT-CLASS-126-271
US-PATENT-CLASS-165-105
US-PATENT-CLASS-244-173
US-PATENT-CLASS-60-641
US-PATENT-CLASS-60-659
US-PATENT-3,903,699
N75-33181* c 24 ..... NASA-CASE-LEW-11484-1
US-PATENT-APPL-SN-356554
US-PATENT-CLASS-117-105.2
US-PATENT-CLASS-117-38
US-PATENT-CLASS-117-46FS
US-PATENT-CLASS-117-8.5
US-PATENT-CLASS-29-DIG.24
US-PATENT-CLASS-29-DIG.39
US-PATENT-CLASS-29-527.2
US-PATENT-CLASS-72-46
US-PATENT-3,906,769
N75-33342* c 34 ..... NASA-CASE-MSC-14273-1
US-PATENT-APPL-SN-385522
US-PATENT-CLASS-210-234
US-PATENT-CLASS-210-259
US-PATENT-CLASS-210-304
US-PATENT-CLASS-210-333
US-PATENT-CLASS-210-340
US-PATENT-CLASS-210-411
US-PATENT-CLASS-210-425
US-PATENT-CLASS-210-512
US-PATENT-CLASS-210-82
US-PATENT-3,907,686
N75-33367* c 35 ..... NASA-CASE-LAR-10629-1
US-PATENT-APPL-SN-402867
US-PATENT-CLASS-116-114AH
US-PATENT-CLASS-73-12
US-PATENT-CLASS-73-170R
US-PATENT-CLASS-73-432PS
US-PATENT-3,896,758
N75-33368* c 35 ..... NASA-CASE-LAR-11326-1
US-PATENT-APPL-SN-491416
US-PATENT-CLASS-195-103.5R
US-PATENT-3,907,646
N75-33369* c 35 ..... NASA-CASE-LAR-11263-1
US-PATENT-APPL-SN-472775
US-PATENT-CLASS-73-141A
US-PATENT-3,906,788
N75-33395* c 37 ..... NASA-CASE-MFS-22283-1
US-PATENT-APPL-SN-387095
US-PATENT-CLASS-279-1B
US-PATENT-CLASS-279-107
US-PATENT-CLASS-279-89
US-PATENT-CLASS-29-26A
US-PATENT-CLASS-294-116
US-PATENT-CLASS-294-86.33
US-PATENT-3,907,312
N75-33640* c 52 ..... NASA-CASE-LEW-12051-1
US-PATENT-APPL-SN-397478
US-PATENT-CLASS-128-230
US-PATENT-CLASS-128-305
US-PATENT-3,906,954
N76-14158* c 15 ..... NASA-CASE-LAR-11051-1
US-PATENT-APPL-SN-384773
US-PATENT-CLASS-244-165
US-PATENT-CLASS-244-3.21
US-PATENT-CLASS-74-5.7
US-PATENT-3,915,416
N76-14186* c 18 ..... NASA-CASE-MSC-12559-1
US-PATENT-APPL-SN-370582
US-PATENT-CLASS-178-DIG.20
US-PATENT-CLASS-244-161
US-PATENT-CLASS-33-286
US-PATENT-CLASS-35-12
US-PATENT-CLASS-356-153
US-PATENT-3,910,533
N76-14190* c 20 ..... NASA-CASE-LEW-11593-1
US-PATENT-APPL-SN-363691
US-PATENT-CLASS-60-39.23
US-PATENT-CLASS-60-39.29
US-PATENT-CLASS-60-39.74R
US-PATENT-3,910,035
N76-14191* c 20 ..... NASA-CASE-LEW-11118-2
US-PATENT-APPL-SN-436316
US-PATENT-CLASS-239-127.3
US-PATENT-CLASS-60-265
US-PATENT-CLASS-60-267
US-PATENT-3,910,039
N76-14203* c 24 ..... NASA-CASE-NPO-12122-1
US-PATENT-APPL-SN-401921
US-PATENT-CLASS-149-36
US-PATENT-CLASS-423-407
US-PATENT-3,919,014
N76-14204* c 24 ..... NASA-CASE-MSC-12568-1
US-PATENT-APPL-SN-325784
US-PATENT-CLASS-136-146
US-PATENT-CLASS-136-148
US-PATENT-CLASS-162-102
US-PATENT-CLASS-162-153
US-PATENT-CLASS-162-222
US-PATENT-CLASS-162-228
US-PATENT-3,910,814
N76-14264* c 27 ..... NASA-CASE-MSC-14182-1
US-PATENT-APPL-SN-419748
US-PATENT-CLASS-403-179
US-PATENT-CLASS-403-28
US-PATENT-CLASS-428-109
US-PATENT-CLASS-428-212
US-PATENT-CLASS-428-214
US-PATENT-CLASS-428-416
US-PATENT-CLASS-428-447
US-PATENT-CLASS-428-77
US-PATENT-3,920,339
N76-14284* c 31 ..... NASA-CASE-NPO-13435-1
US-PATENT-APPL-SN-478803
US-PATENT-CLASS-62-129
US-PATENT-CLASS-62-49
US-PATENT-CLASS-73-295
US-PATENT-3,914,950
N76-14321* c 32 ..... NASA-CASE-LAR-11021-1
US-PATENT-APPL-SN-453115
US-PATENT-CLASS-325-304
US-PATENT-CLASS-325-306
US-PATENT-CLASS-325-372
US-PATENT-CLASS-328-145
US-PATENT-CLASS-343-176
US-PATENT-3,916,316
N76-14371* c 33 ..... NASA-CASE-KSC-10834-1
US-PATENT-APPL-SN-536535
US-PATENT-CLASS-178-69.5R
US-PATENT-CLASS-178-88
US-PATENT-CLASS-328-190
US-PATENT-CLASS-328-63
US-PATENT-3,916,084
N76-14372* c 33 ..... NASA-CASE-LAR-10970-1
US-PATENT-APPL-SN-527790
US-PATENT-CLASS-343-770
US-PATENT-CLASS-343-797
US-PATENT-CLASS-343-846
US-PATENT-3,919,710
N76-14373* c 33 ..... NASA-CASE-NPO-13451-1
US-PATENT-APPL-SN-501012
US-PATENT-CLASS-235-92SH
US-PATENT-CLASS-307-221R
US-PATENT-CLASS-328-37
US-PATENT-3,911,330
N76-14429* c 35 ..... NASA-CASE-LAR-11552-1
US-PATENT-APPL-SN-518685
US-PATENT-CLASS-73-182
US-PATENT-CLASS-73-212
US-PATENT-3,914,997
N76-14430* c 35 ..... NASA-CASE-NPO-13170-1
US-PATENT-APPL-SN-382261
US-PATENT-CLASS-338-6
US-PATENT-CLASS-73-88.5R
US-PATENT-3,914,991
N76-14431* c 35 ..... NASA-CASE-LEW-11915-1
US-PATENT-APPL-SN-474744
US-PATENT-CLASS-137-15.2
US-PATENT-CLASS-235-151.34
US-PATENT-CLASS-60-39.29
US-PATENT-3,911,260
N76-14447* c 36 ..... NASA-CASE-ARC-10642-1
US-PATENT-APPL-SN-446562
US-PATENT-CLASS-356-106R
US-PATENT-CLASS-356-28
US-PATENT-3,915,572
N76-14460* c 37 ..... NASA-CASE-MFS-19194-1
US-PATENT-APPL-SN-483850
US-PATENT-CLASS-285-226
US-PATENT-CLASS-285-265
US-PATENT-3,915,482
N76-14461* c 37 ..... NASA-CASE-LEW-11694-2
US-PATENT-APPL-SN-352381
US-PATENT-APPL-SN-462903
US-PATENT-CLASS-29-421
US-PATENT-CLASS-72-363
US-PATENT-CLASS-72-54
US-PATENT-CLASS-72-63
US-PATENT-3,914,969
N76-14463* c 37 ..... NASA-CASE-MFS-22323-1
US-PATENT-APPL-SN-474745
US-PATENT-CLASS-137-515.3
US-PATENT-CLASS-137-550
US-PATENT-CLASS-210-429
US-PATENT-CLASS-251-149.6
US-PATENT-3,910,307
N76-14595* c 44 ..... NASA-CASE-MFS-22562-1
US-PATENT-APPL-SN-458484
US-PATENT-CLASS-126-270
US-PATENT-CLASS-136-206
US-PATENT-CLASS-204-32R
US-PATENT-CLASS-204-33
US-PATENT-CLASS-204-38A
US-PATENT-CLASS-204-40
US-PATENT-CLASS-204-42
US-PATENT-CLASS-204-49
US-PATENT-CLASS-29-194
US-PATENT-CLASS-29-195
US-PATENT-CLASS-29-197
US-PATENT-3,920,413
N76-14600* c 44 ..... NASA-CASE-LEW-11065-2
US-PATENT-APPL-SN-154930
US-PATENT-APPL-SN-371322
US-PATENT-CLASS-136-89
US-PATENT-CLASS-29-572
US-PATENT-3,912,540
N76-14601* c 44 ..... NASA-CASE-MFS-22749-1
US-PATENT-APPL-SN-483857
US-PATENT-CLASS-136-114
US-PATENT-CLASS-136-162
US-PATENT-CLASS-136-182
US-PATENT-CLASS-136-90
US-PATENT-3,912,541
N76-14602* c 44 ..... NASA-CASE-NPO-13497-1
US-PATENT-APPL-SN-526448
US-PATENT-CLASS-126-271
US-PATENT-CLASS-237-1A
US-PATENT-CLASS-350-211
US-PATENT-3,915,148
N76-14757* c 52 ..... NASA-CASE-MSC-14180-1
US-PATENT-APPL-SN-354406
US-PATENT-CLASS-128-2.06R
US-PATENT-CLASS-128-2.1A
US-PATENT-CLASS-128-2H
US-PATENT-3,910,257
N76-14804* c 54 ..... NASA-CASE-MSC-14640-1
US-PATENT-APPL-SN-526449
US-PATENT-CLASS-128-2F
US-PATENT-CLASS-73-421R
US-PATENT-3,915,012
N76-14818* c 60 ..... NASA-CASE-NPO-13422-1
US-PATENT-APPL-SN-521601
US-PATENT-CLASS-340-147C
US-PATENT-CLASS-340-147R
US-PATENT-3,916,380
N76-14931* c 75 ..... NASA-CASE-MFS-22287-1
US-PATENT-APPL-SN-438147
US-PATENT-CLASS-315-111.6
US-PATENT-CLASS-73-12
US-PATENT-CLASS-89-8
US-PATENT-3,916,761
N76-15189* c 12 ..... NASA-CASE-MSC-12611-1
US-PATENT-APPL-SN-446560

US-PATENT-CLASS-350-160
US-PATENT-CLASS-423-352
US-PATENT-CLASS-423-644
US-PATENT-3,806,834

N76-18428* c 36 ..... NASA-CASE-NPO-13544-1
US-PATENT-APPL-SN-533555
US-PATENT-CLASS-331-94.5C
US-PATENT-CLASS-350-96WG
US-PATENT-3,939,439

N76-18454* c 37 ..... NASA-CASE-MFS-23047-1
US-PATENT-APPL-SN-521602
US-PATENT-CLASS-173-132
US-PATENT-CLASS-29-81D
US-PATENT-CLASS-72-453
US-PATENT-CLASS-73-399
US-PATENT-3,937,055

N76-18455* c 37 ..... NASA-CASE-MSC-14435-1
US-PATENT-APPL-SN-450500
US-PATENT-CLASS-228-193
US-PATENT-CLASS-228-206
US-PATENT-CLASS-228-214
US-PATENT-CLASS-228-238
US-PATENT-3,937,387

N76-18456* c 37 ..... NASA-CASE-LAR-11224-1
US-PATENT-APPL-SN-450502
US-PATENT-CLASS-134-21
US-PATENT-CLASS-134-37
US-PATENT-CLASS-19-205
US-PATENT-CLASS-209-250
US-PATENT-CLASS-209-300
US-PATENT-CLASS-209-305
US-PATENT-3,937,661

N76-18457* c 37 ..... NASA-CASE-NPO-13402-1
US-PATENT-APPL-SN-387342
US-PATENT-CLASS-123-DIG.12
US-PATENT-CLASS-123-119E
US-PATENT-CLASS-123-120
US-PATENT-CLASS-123-121
US-PATENT-CLASS-123-89A
US-PATENT-3,906,913

N76-18458* c 37 ..... NASA-CASE-LEW-11860-1
US-PATENT-APPL-SN-527728
US-PATENT-CLASS-204-157.1H
US-PATENT-CLASS-250-527
US-PATENT-3,939,048

N76-18459* c 37 ..... NASA-CASE-GSC-11551-1
US-PATENT-APPL-SN-440917
US-PATENT-CLASS-308-10
US-PATENT-3,937,533

N76-18641* c 44 ..... NASA-CASE-NPO-13237-1
US-PATENT-APPL-SN-378127
US-PATENT-CLASS-136-83R
US-PATENT-CLASS-136-86S
US-PATENT-3,894,887

N76-18642* c 44 ..... NASA-CASE-NPO-13464-1
US-PATENT-APPL-SN-428444
US-PATENT-CLASS-123-3
US-PATENT-CLASS-23-281
US-PATENT-CLASS-423-650
US-PATENT-CLASS-48-116
US-PATENT-CLASS-48-117
US-PATENT-CLASS-48-63
US-PATENT-CLASS-48-75
US-PATENT-CLASS-48-95
US-PATENT-3,920,416

N76-18643* c 44 ..... NASA-CASE-NPO-11961-1
US-PATENT-APPL-SN-378126
US-PATENT-CLASS-136-30
US-PATENT-CLASS-136-6LF
US-PATENT-CLASS-320-21
US-PATENT-CLASS-320-22
US-PATENT-3,912,999

N76-18800* c 60 ..... NASA-CASE-NPO-13067-1
US-PATENT-APPL-SN-274348
US-PATENT-CLASS-340-172.5
US-PATENT-3,829,839

N76-18913* c 74 ..... NASA-CASE-GSC-11677-1
US-PATENT-APPL-SN-482953
US-PATENT-CLASS-235-184
US-PATENT-CLASS-250-199
US-PATENT-3,937,945

N76-19338* c 33 ..... NASA-CASE-NPO-13519-1
US-PATENT-APPL-SN-536761
US-PATENT-CLASS-128-2S
US-PATENT-CLASS-33-155R
US-PATENT-CLASS-33-174D
US-PATENT-CLASS-73-88.5SD
US-PATENT-3,937,212

N76-19339* c 33 ..... NASA-CASE-ARC-10810-1
US-PATENT-APPL-SN-489009
US-PATENT-CLASS-204-195R
US-PATENT-CLASS-215-247
US-PATENT-CLASS-324-30B
US-PATENT-3,938,035

N76-19436* c 37 ..... NASA-CASE-MFS-20607-1
US-PATENT-APPL-SN-478800
US-PATENT-CLASS-222-145
US-PATENT-CLASS-259-4AC
US-PATENT-3,941,355

N76-19437* c 37 ..... NASA-CASE-MSC-12615-1
US-PATENT-APPL-SN-491417
US-PATENT-CLASS-244-117A
US-PATENT-CLASS-244-163
US-PATENT-CLASS-29-432
US-PATENT-CLASS-29-433
US-PATENT-CLASS-29-526
US-PATENT-CLASS-52-705
US-PATENT-CLASS-52-758F
US-PATENT-3,936,927

N76-19785* c 52 ..... NASA-CASE-LAR-11667-1
US-PATENT-APPL-SN-583487
US-PATENT-CLASS-128-DIG.20
US-PATENT-CLASS-128-26
US-PATENT-3,937,215

N76-19888* c 66 ..... NASA-CASE-MFS-22631-1
US-PATENT-APPL-SN-531572
US-PATENT-CLASS-340-38P
US-PATENT-CLASS-356-162
US-PATENT-CLASS-356-167
US-PATENT-CLASS-356-71
US-PATENT-3,930,735

N76-19935* c 74 ..... NASA-CASE-MFS-21672-1
US-PATENT-APPL-SN-354060
US-PATENT-CLASS-356-123
US-PATENT-CLASS-356-124
US-PATENT-3,938,892

N76-20114* c 04 ..... NASA-CASE-LAR-11387-1
US-PATENT-APPL-SN-531647
US-PATENT-CLASS-33-356
US-PATENT-CLASS-75-178R
US-PATENT-3,943,763

N76-20480* c 37 ..... NASA-CASE-NPO-13059-1
NASA-CASE-NPO-13436-1
US-PATENT-APPL-SN-513690
US-PATENT-CLASS-81-56
US-PATENT-CLASS-81-57.31
US-PATENT-3,942,398

N76-20958* c 74 ..... NASA-CASE-ARC-10631-1
US-PATENT-APPL-SN-514546
US-PATENT-CLASS-250-343
US-PATENT-CLASS-250-573
US-PATENT-3,943,368

N76-20994* c 76 ..... NASA-CASE-NPO-13443-1
US-PATENT-APPL-SN-522551
US-PATENT-CLASS-324-158D
US-PATENT-CLASS-324-158R
US-PATENT-CLASS-324-158T
US-PATENT-CLASS-324-60C
US-PATENT-3,943,442

N76-21250* c 17 ..... NASA-CASE-MSC-12593-1
US-PATENT-APPL-SN-419747
US-PATENT-CLASS-325-14
US-PATENT-CLASS-343-100SA
US-PATENT-CLASS-343-100ST
US-PATENT-CLASS-343-112TC
US-PATENT-3,949,400

N76-21275* c 20 ..... NASA-CASE-MFS-21311-1
US-PATENT-APPL-SN-493359
US-PATENT-CLASS-244-3.22
US-PATENT-3,948,470

N76-21276* c 20 ..... NASA-CASE-LEW-11876-1
US-PATENT-APPL-SN-542157
US-PATENT-CLASS-29-25.18
US-PATENT-3,947,933

N76-21365* c 32 ..... NASA-CASE-NPO-13568-1
US-PATENT-APPL-SN-534265
US-PATENT-CLASS-343-761
US-PATENT-CLASS-343-781
US-PATENT-CLASS-343-786
US-PATENT-3,949,404

N76-21366* c 32 ..... NASA-CASE-MFS-22729-1
US-PATENT-APPL-SN-533608
US-PATENT-CLASS-235-156
US-PATENT-CLASS-325-42
US-PATENT-CLASS-333-18
US-PATENT-3,949,206

N76-21390* c 33 ..... NASA-CASE-ARC-10711-2
US-PATENT-APPL-SN-493363
US-PATENT-APPL-SN-596788
US-PATENT-CLASS-317-246
US-PATENT-CLASS-73-398C
US-PATENT-3,948,102

N76-21554* c 37 ..... NASA-CASE-LAR-11465-1
US-PATENT-APPL-SN-502137
US-PATENT-CLASS-156-286
US-PATENT-CLASS-156-382
US-PATENT-CLASS-156-556
US-PATENT-CLASS-248-362
US-PATENT-CLASS-248-363
US-PATENT-CLASS-269-21
US-PATENT-CLASS-33-1G
US-PATENT-CLASS-33-174B
US-PATENT-3,945,879

N76-21742* c 45 ..... NASA-CASE-NPO-13474-1
US-PATENT-APPL-SN-521817
US-PATENT-CLASS-23-254E
US-PATENT-CLASS-250-574
US-PATENT-CLASS-356-37
US-PATENT-3,945,801

N76-21914* c 60 ..... NASA-CASE-NPO-13139-1
US-PATENT-APPL-SN-393524
US-PATENT-CLASS-235-153AE
US-PATENT-CLASS-340-172.5
US-PATENT-3,950,729

N76-22154* c 02 ..... NASA-CASE-LAR-10585-1
US-PATENT-APPL-SN-197183
US-PATENT-CLASS-244-35R
US-PATENT-CLASS-244-40R
US-PATENT-3,952,971

N76-22245* c 17 ..... NASA-CASE-GSC-11868-1
US-PATENT-APPL-SN-565290
US-PATENT-CLASS-178-69.5
US-PATENT-CLASS-328-155
US-PATENT-CLASS-340-147SY
US-PATENT-CLASS-340-207P
US-PATENT-3,953,674

N76-22284* c 19 ..... NASA-CASE-MFS-22905-1
US-PATENT-APPL-SN-518545
US-PATENT-CLASS-188-1B
US-PATENT-CLASS-248-22
US-PATENT-CLASS-248-358R
US-PATENT-3,952,980

N76-22296* c 20 ..... NASA-CASE-MFS-19220-1
US-PATENT-APPL-SN-571821
US-PATENT-CLASS-254-124
US-PATENT-CLASS-254-93R
US-PATENT-CLASS-89-1.801
US-PATENT-3,952,998

N76-22309* c 24 ..... NASA-CASE-LEW-11930-1
US-PATENT-APPL-SN-513611
US-PATENT-CLASS-252-12
US-PATENT-3,953,343

N76-22323* c 25 ..... NASA-CASE-ARC-10760-1
US-PATENT-APPL-SN-526438
US-PATENT-CLASS-250-343
US-PATENT-CLASS-250-344
US-PATENT-CLASS-250-432R
US-PATENT-3,953,734

N76-22376* c 27 ..... NASA-CASE-ARC-10721-1
US-PATENT-APPL-SN-427775
US-PATENT-CLASS-264-60
US-PATENT-CLASS-264-63
US-PATENT-CLASS-264-66
US-PATENT-3,952,083

N76-22377* c 27 ..... NASA-CASE-MSC-14270-1
US-PATENT-APPL-SN-482104
US-PATENT-CLASS-106-54
US-PATENT-CLASS-427-376
US-PATENT-CLASS-427-379
US-PATENT-CLASS-427-380
US-PATENT-CLASS-427-402
US-PATENT-CLASS-428-332
US-PATENT-CLASS-428-428
US-PATENT-CLASS-428-450
US-PATENT-CLASS-428-538
US-PATENT-CLASS-428-920
US-PATENT-3,953,646

N76-22509* c 35 ..... NASA-CASE-LAR-11434-1
US-PATENT-APPL-SN-464722
US-PATENT-CLASS-209-127R
US-PATENT-CLASS-317-246
US-PATENT-CLASS-324-61R
US-PATENT-CLASS-324-71CP
US-PATENT-3,953,792

N76-22540* c 37 ..... NASA-CASE-MFS-22636-1
US-PATENT-APPL-SN-536762
US-PATENT-CLASS-114-16.6
US-PATENT-CLASS-244-137P
US-PATENT-CLASS-244-158
US-PATENT-CLASS-244-161
US-PATENT-3,952,976

N76-22541* c 37 ..... NASA-CASE-LEW-11676-1
US-PATENT-APPL-SN-551184
US-PATENT-CLASS-277-4
US-PATENT-CLASS-277-41
US-PATENT-CLASS-277-74
US-PATENT-CLASS-277-93R
US-PATENT-3,953,038

N76-22657* c 44 ..... NASA-CASE-MFS-22743-1
US-PATENT-APPL-SN-518684
US-PATENT-CLASS-126-271
US-PATENT-3,951,129

N76-22914* c 54 ..... NASA-CASE-GSC-12082-1
US-PATENT-APPL-SN-676958

N76-22993* c 74 ..... NASA-CASE-ARC-10932-1
US-PATENT-APPL-SN-681001

N76-23273* c 09 ..... NASA-CASE-MFS-23099-1
US-PATENT-APPL-SN-607969

US-PATENT-APPL-SN-139596
US-PATENT-CLASS-307-233
US-PATENT-CLASS-307-295
US-PATENT-CLASS-328-133
US-PATENT-3,750,035

N77-13418* c 37 ..... NASA-CASE-ARC-10905-1
US-PATENT-APPL-SN-618594
US-PATENT-CLASS-219-300
US-PATENT-CLASS-219-304
US-PATENT-CLASS-239-171
US-PATENT-CLASS-252-359A
US-PATENT-3,990,987

N77-14025* c 07 ..... NASA-CASE-LEW-12419-1
US-PATENT-APPL-SN-579375
US-PATENT-CLASS-416-153
US-PATENT-CLASS-416-160
US-PATENT-CLASS-416-162
US-PATENT-CLASS-416-165
US-PATENT-CLASS-416-167
US-PATENT-CLASS-60-226R
US-PATENT-3,994,128

N77-14292* c 32 ..... NASA-CASE-LAR-11607-1
US-PATENT-APPL-SN-617895
US-PATENT-CLASS-325-145
US-PATENT-CLASS-332-22
US-PATENT-CLASS-332-23R
US-PATENT-3,996,532

N77-14333* c 33 ..... NASA-CASE-GSC-11789-1
US-PATENT-APPL-SN-538982
US-PATENT-CLASS-317-31
US-PATENT-CLASS-321-13
US-PATENT-3,996,506

N77-14334* c 33 ..... NASA-CASE-GSC-12018-1
US-PATENT-APPL-SN-635531
US-PATENT-CLASS-329-122
US-PATENT-CLASS-329-124
US-PATENT-CLASS-331-23
US-PATENT-CLASS-331-36C
US-PATENT-CLASS-332-30V
US-PATENT-3,997,848

N77-14335* c 33 ..... NASA-CASE-MFS-22560-1
US-PATENT-APPL-SN-589233
US-PATENT-CLASS-250-214A
US-PATENT-CLASS-330-14
US-PATENT-CLASS-330-28
US-PATENT-CLASS-330-59
US-PATENT-3,996,462

N77-14406* c 35 ..... NASA-CASE-NPO-13663-1
US-PATENT-APPL-SN-634205
US-PATENT-CLASS-250-289
US-PATENT-CLASS-250-298
US-PATENT-3,996,464

N77-14407* c 35 ..... NASA-CASE-LAR-11648-1
US-PATENT-APPL-SN-645571
US-PATENT-CLASS-73-133R
US-PATENT-3,995,476

N77-14408* c 35 ..... NASA-CASE-ARC-10448-3
US-PATENT-APPL-SN-221670
US-PATENT-APPL-SN-318848
US-PATENT-CLASS-250-396
US-PATENT-3,996,468

N77-14409* c 35 ..... NASA-CASE-NPO-13540-1
US-PATENT-APPL-SN-526450
US-PATENT-CLASS-136-232
US-PATENT-CLASS-136-233
US-PATENT-3,996,070

N77-14411* c 35 ..... NASA-CASE-NPO-13683-1
US-PATENT-APPL-SN-599284
US-PATENT-CLASS-250-343
US-PATENT-CLASS-356-201
US-PATENT-CLASS-356-204
US-PATENT-CLASS-356-97
US-PATENT-3,995,960

N77-14477* c 37 ..... NASA-CASE-FRC-10081-1
US-PATENT-APPL-SN-598504
US-PATENT-CLASS-280-432
US-PATENT-3,995,877

N77-14478* c 37 ..... NASA-CASE-LAR-11658-1
US-PATENT-APPL-SN-625759
US-PATENT-CLASS-83-451
US-PATENT-CLASS-83-467R
US-PATENT-3,995,522

N77-14479* c 37 ..... NASA-CASE-GSC-11960-1
US-PATENT-APPL-SN-629456
US-PATENT-CLASS-242-187
US-PATENT-CLASS-242-193
US-PATENT-CLASS-242-204
US-PATENT-CLASS-242-210
US-PATENT-CLASS-242-57
US-PATENT-3,995,789

N77-14580* c 44 ..... NASA-CASE-LEW-11496-1
US-PATENT-APPL-SN-645508
US-PATENT-CLASS-136-89
US-PATENT-CLASS-204-192
US-PATENT-3,996,067

N77-14581* c 44 ..... NASA-CASE-LEW-12220-1
US-PATENT-APPL-SN-606891
US-PATENT-CLASS-320-2
US-PATENT-CLASS-429-23
US-PATENT-CLASS-429-34
US-PATENT-3,996,064

N77-14735* c 52 ..... NASA-CASE-MFS-23225-1
US-PATENT-APPL-SN-612965
US-PATENT-CLASS-3-1.2
US-PATENT-CLASS-3-14
US-PATENT-3,995,324

N77-14736* c 52 ..... NASA-CASE-ARC-11007-1
US-PATENT-APPL-SN-652948
US-PATENT-CLASS-128-2H
US-PATENT-CLASS-128-379
US-PATENT-CLASS-128-400
US-PATENT-CLASS-128-402
US-PATENT-3,995,621

N77-14737* c 52 ..... NASA-CASE-MSC-14276-1
US-PATENT-APPL-SN-557430
US-PATENT-CLASS-250-363R
US-PATENT-CLASS-250-444
US-PATENT-CLASS-250-498
US-PATENT-3,996,471

N77-14738* c 52 ..... NASA-CASE-KSC-10849-1
US-PATENT-APPL-SN-613734
US-PATENT-CLASS-128-418
US-PATENT-CLASS-3-1.1
US-PATENT-CLASS-339-252R
US-PATENT-3,995,644

N77-14751* c 60 ..... NASA-CASE-GSC-11839-1
US-PATENT-APPL-SN-468614
US-PATENT-CLASS-235-152
US-PATENT-CLASS-250-227
US-PATENT-CLASS-340-172.5
US-PATENT-CLASS-350-96R
US-PATENT-3,996,455

N77-17029* c 05 ..... NASA-CASE-ARC-10807-1
US-PATENT-APPL-SN-513612
US-PATENT-CLASS-416-104
US-PATENT-CLASS-416-138
US-PATENT-CLASS-416-141
US-PATENT-3,999,886

N77-17059* c 07 ..... NASA-CASE-LEW-12760-1
US-PATENT-APPL-SN-569925
US-PATENT-CLASS-60-226A
US-PATENT-CLASS-60-228
US-PATENT-4,005,574

N77-17143* c 20 ..... NASA-CASE-XLA-01349
US-PATENT-APPL-SN-256493
US-PATENT-APPL-SN-54552
US-PATENT-CLASS-102-49.3
US-PATENT-CLASS-264-3R
US-PATENT-CLASS-86-1R
US-PATENT-CLASS-86-20R
US-PATENT-4,000,682

N77-17161* c 23 ..... NASA-CASE-MSC-14428-1
US-PATENT-APPL-SN-450504
US-PATENT-CLASS-23-230B
US-PATENT-CLASS-23-230M
US-PATENT-CLASS-23-230R
US-PATENT-CLASS-23-231
US-PATENT-CLASS-23-232C
US-PATENT-CLASS-23-232R
US-PATENT-CLASS-23-254R
US-PATENT-CLASS-55-197
US-PATENT-CLASS-55-67
US-PATENT-CLASS-55-74
US-PATENT-CLASS-73-23.1
US-PATENT-CLASS-73-61.1C
US-PATENT-4,003,257

N77-17351* c 33 ..... NASA-CASE-MFS-23181-1
US-PATENT-APPL-SN-566495
US-PATENT-CLASS-331-114
US-PATENT-CLASS-331-177V
US-PATENT-CLASS-332-18
US-PATENT-CLASS-332-30V
US-PATENT-4,003,004

N77-17354* c 33 ..... NASA-CASE-LEW-11881-1
US-PATENT-APPL-SN-598968
US-PATENT-CLASS-307-229
US-PATENT-CLASS-307-230
US-PATENT-CLASS-328-161
US-PATENT-4,001,602

N77-17426* c 35 ..... NASA-CASE-MFS-22671-2
US-PATENT-APPL-SN-419831
US-PATENT-APPL-SN-561956
US-PATENT-CLASS-360-25
US-PATENT-CLASS-360-31
US-PATENT-4,003,084

N77-17464* c 37 ..... NASA-CASE-GSC-11978-1
US-PATENT-APPL-SN-593142
US-PATENT-CLASS-308-10
US-PATENT-4,000,929

N77-17495* c 38 ..... NASA-CASE-GSC-11902-1
US-PATENT-APPL-SN-565289
US-PATENT-CLASS-235-92CA
US-PATENT-CLASS-235-92CT
US-PATENT-CLASS-235-92DN
US-PATENT-CLASS-235-92R
US-PATENT-4,001,552

N77-18154* c 07 ..... NASA-CASE-ARC-10761-1
US-PATENT-APPL-SN-612899
US-PATENT-CLASS-137-15.1
US-PATENT-CLASS-244-53B
US-PATENT-4,007,891

N77-18307* c 32 ..... NASA-CASE-MFS-23303-1
US-PATENT-APPL-SN-676957
US-PATENT-CLASS-333-70R
US-PATENT-CLASS-333-75
US-PATENT-CLASS-333-76
US-PATENT-CLASS-333-82B
US-PATENT-4,007,434

N77-18382* c 34 ..... NASA-CASE-LAR-10805-2
US-PATENT-APPL-SN-428992
US-PATENT-APPL-SN-578240
US-PATENT-CLASS-244-117A
US-PATENT-CLASS-427-160
US-PATENT-CLASS-427-322
US-PATENT-CLASS-428-35
US-PATENT-CLASS-428-421
US-PATENT-CLASS-428-461
US-PATENT-CLASS-428-474
US-PATENT-4,008,348

N77-18417* c 35 ..... NASA-CASE-ARC-10898-1
US-PATENT-APPL-SN-625732
US-PATENT-CLASS-73-12
US-PATENT-CLASS-73-432SD
US-PATENT-CLASS-73-71.6
US-PATENT-4,007,623

N77-18891* c 73 ..... NASA-CASE-NPO-13121-1
US-PATENT-APPL-SN-294727
US-PATENT-CLASS-310-4R
US-PATENT-CLASS-313-311
US-PATENT-CLASS-346R
US-PATENT-4,008,407

N77-18893* c 74 ..... NASA-CASE-MSC-14683-1
US-PATENT-APPL-SN-612967
US-PATENT-CLASS-358-44
US-PATENT-4,004,292

N77-19056* c 04 ..... NASA-CASE-LAR-11387-2
US-PATENT-APPL-SN-531647
US-PATENT-APPL-SN-623156
US-PATENT-CLASS-33-356
US-PATENT-CLASS-73-178R
US-PATENT-4,006,631

N77-19076* c 09 ..... NASA-CASE-ARC-10979-1
US-PATENT-APPL-SN-608483
US-PATENT-CLASS-124-6
US-PATENT-CLASS-244-63
US-PATENT-3,989,206

N77-19170* c 24 ..... NASA-CASE-LEW-12550-1
US-PATENT-APPL-SN-596905
US-PATENT-CLASS-416-224
US-PATENT-CLASS-416-230
US-PATENT-4,006,999

N77-19171* c 24 ..... NASA-CASE-LEW-12619-1
US-PATENT-APPL-SN-462424
US-PATENT-CLASS-204-16
US-PATENT-CLASS-204-40
US-PATENT-CLASS-204-9
US-PATENT-CLASS-29-527.2
US-PATENT-3,989,602

N77-19353* c 34 ..... NASA-CASE-ARC-10912-1
US-PATENT-APPL-SN-623187
US-PATENT-CLASS-62-100
US-PATENT-CLASS-62-121
US-PATENT-CLASS-62-269
US-PATENT-CLASS-62-315
US-PATENT-4,007,601

N77-19385* c 35 ..... NASA-CASE-MSC-14653-1
US-PATENT-APPL-SN-521816
US-PATENT-CLASS-177-1
US-PATENT-CLASS-177-208
US-PATENT-CLASS-73-432R
US-PATENT-3,988,933

N77-19416* c 36 ..... NASA-CASE-XNP-04167-3
US-PATENT-APPL-SN-170544
US-PATENT-APPL-SN-479357
US-PATENT-CLASS-331-94.5D
US-PATENT-CLASS-331-94.5G
US-PATENT-CLASS-331-94.5PE
US-PATENT-4,007,430

N77-19457* c 37 ..... NASA-CASE-MFS-15218-1
US-PATENT-APPL-SN-387094
US-PATENT-CLASS-197-188
US-PATENT-CLASS-197-190
US-PATENT-3,989,136

N77-19458* c 37 ..... NASA-CASE-GSC-11883-1
NASA-CASE-GSC-11974-1
NASA-CASE-GSC-11975-1
US-PATENT-APPL-SN-596787
US-PATENT-CLASS-310-4A

US-PATENT-CLASS-337-334
US-PATENT-CLASS-340-224
US-PATENT-CLASS-60-527
US-PATENT-CLASS-75-122.7
US-PATENT-CLASS-75-170
US-PATENT-4,010,455

N77-19571* c 44 ..... NASA-CASE-LEW-11549-1
US-PATENT-APPL-SN-510677
US-PATENT-CLASS-136-89
US-PATENT-3,989,541

N77-19760* c 60 ..... NASA-CASE-ARC-10899-1
US-PATENT-APPL-SN-576774
US-PATENT-CLASS-178-69.5R
US-PATENT-CLASS-179-15BS
US-PATENT-CLASS-340-172.5
US-PATENT-3,990,049

N77-20162* c 20 ..... NASA-CASE-LEW-12048-1
US-PATENT-APPL-SN-665033
US-PATENT-CLASS-313-230
US-PATENT-CLASS-313-231.3
US-PATENT-CLASS-313-360
US-PATENT-CLASS-315-111.3
US-PATENT-CLASS-315-111.6
US-PATENT-CLASS-60-202
US-PATENT-4,011,719

N77-20201* c 26 ..... NASA-CASE-LEW-12245-1
US-PATENT-APPL-SN-584094
US-PATENT-CLASS-148-12.7N
US-PATENT-CLASS-148-162
US-PATENT-CLASS-148-2
US-PATENT-CLASS-148-20.3
US-PATENT-CLASS-148-32.5
US-PATENT-CLASS-75-170
US-PATENT-4,012,237

N77-20289* c 32 ..... NASA-CASE-NPO-13753-1
US-PATENT-APPL-SN-658449
US-PATENT-CLASS-325-4
US-PATENT-CLASS-343-100ST
US-PATENT-CLASS-343-6.8R
US-PATENT-CLASS-343-6.5R
US-PATENT-4,012,696

N77-20399* c 35 ..... NASA-CASE-ARC-10716-1
US-PATENT-APPL-SN-403695
US-PATENT-CLASS-235-150.2
US-PATENT-CLASS-235-150.25
US-PATENT-CLASS-244-165
US-PATENT-CLASS-244-171
US-PATENT-CLASS-244-3.21
US-PATENT-4,012,018

N77-20400* c 35 ..... NASA-CASE-ARC-10911-1
US-PATENT-APPL-SN-610802
US-PATENT-CLASS-338-28
US-PATENT-CLASS-73-204
US-PATENT-4,011,756

N77-20401* c 35 ..... NASA-CASE-MFS-23267-1
US-PATENT-APPL-SN-653422
US-PATENT-CLASS-126-270
US-PATENT-CLASS-126-271
US-PATENT-CLASS-250-203R
US-PATENT-4,011,854

N77-20882* c 74 ..... NASA-CASE-LAR-11782-1
US-PATENT-APPL-SN-608482
US-PATENT-CLASS-350-145
US-PATENT-CLASS-350-174
US-PATENT-4,012,123

N77-21267* c 32 ..... NASA-CASE-LAR-11390-1
US-PATENT-APPL-SN-662176
US-PATENT-CLASS-340-5H
US-PATENT-CLASS-343-18B
US-PATENT-CLASS-343-5CM
US-PATENT-CLASS-343-5MM
US-PATENT-4,019,179

N77-21314* c 33 ..... NASA-CASE-NPO-10189-1
NASA-CASE-NPO-10781-1
US-PATENT-APPL-SN-744522
US-PATENT-CLASS-307-232
US-PATENT-CLASS-307-238
US-PATENT-CLASS-307-280
US-PATENT-CLASS-329-119
US-PATENT-CLASS-329-205
US-PATENT-CLASS-332-16
US-PATENT-CLASS-332-30
US-PATENT-CLASS-332-52
US-PATENT-3,582,828

N77-21315* c 33 ..... NASA-CASE-NPO-11510-1
US-PATENT-APPL-SN-173178
US-PATENT-APPL-SN-385059
US-PATENT-CLASS-313-161
US-PATENT-CLASS-313-184
US-PATENT-CLASS-313-224
US-PATENT-CLASS-313-32
US-PATENT-CLASS-315-344
US-PATENT-3,881,132

N77-21316* c 33 ..... NASA-CASE-NPO-10790-1
US-PATENT-APPL-SN-841278
US-PATENT-CLASS-313-175
US-PATENT-CLASS-313-180
US-PATENT-CLASS-313-184
US-PATENT-CLASS-315-108
US-PATENT-CLASS-315-110
US-PATENT-3,621,330

N77-21392* c 35 ..... NASA-CASE-NPO-10711-1
US-PATENT-APPL-SN-844315
US-PATENT-CLASS-179-100.2C
US-PATENT-3,697,705

N77-21393* c 35 ..... NASA-CASE-NPO-10619-1
US-PATENT-APPL-SN-757017
US-PATENT-CLASS-338-25
US-PATENT-3,555,483

N77-21844* c 54 ..... NASA-CASE-MFS-23074-1
US-PATENT-APPL-SN-623188
US-PATENT-CLASS-188-291
US-PATENT-CLASS-254-158
US-PATENT-4,018,423

N77-21941* c 74 ..... NASA-CASE-NPO-11429-1
US-PATENT-APPL-SN-95189
US-PATENT-CLASS-240-41.35R
US-PATENT-CLASS-240-41R
US-PATENT-CLASS-240-46.13
US-PATENT-CLASS-356-236
US-PATENT-3,711,701

N77-22386* c 33 ..... NASA-CASE-NPO-10870-1
NASA-CASE-NPO-11191-1
NASA-CASE-NPO-11403-1
US-PATENT-APPL-SN-108810
US-PATENT-CLASS-313-146
US-PATENT-CLASS-313-182
US-PATENT-CLASS-313-60
US-PATENT-3,736,453

N77-22449* c 35 ..... NASA-CASE-LAR-11825-1
US-PATENT-APPL-SN-632112
US-PATENT-CLASS-73-88R
US-PATENT-4,018,085

N77-22450* c 35 ..... NASA-CASE-MFS-23281-1
US-PATENT-APPL-SN-657995
US-PATENT-CLASS-73-15.6
US-PATENT-CLASS-73-95
US-PATENT-4,018,080

N77-22479* c 37 ..... NASA-CASE-NPO-10316-1
US-PATENT-APPL-SN-703107
US-PATENT-CLASS-60-53
US-PATENT-3,478,514

N77-22480* c 37 ..... NASA-CASE-NPO-13058-1
NASA-CASE-NPO-13096-1
US-PATENT-APPL-SN-403154
US-PATENT-CLASS-214-16.1CB
US-PATENT-3,896,955

N77-22482* c 37 ..... NASA-CASE-MSC-19536-1
US-PATENT-APPL-SN-658450
US-PATENT-CLASS-74-96
US-PATENT-4,018,092

N77-22606* c 44 ..... NASA-CASE-LEW-12364-1
US-PATENT-APPL-SN-707124
US-PATENT-CLASS-253-317
US-PATENT-CLASS-429-105
US-PATENT-CLASS-429-107
US-PATENT-CLASS-429-190
US-PATENT-4,018,971

N77-22607* c 44 ..... NASA-CASE-LAR-11361-1
US-PATENT-APPL-SN-669928
US-PATENT-CLASS-23-277R
US-PATENT-CLASS-23-281
US-PATENT-CLASS-423-648R
US-PATENT-CLASS-55-158
US-PATENT-4,019,868

N77-22794* c 51 ..... NASA-CASE-GSC-12039-1
US-PATENT-APPL-SN-572991
US-PATENT-CLASS-195-103.5K
US-PATENT-CLASS-195-103.5R
US-PATENT-4,014,745

N77-22950* c 74 ..... NASA-CASE-ARC-10976-1
US-PATENT-APPL-SN-665032
US-PATENT-CLASS-356-171
US-PATENT-4,018,533

N77-22951* c 74 ..... NASA-CASE-NPO-13722-1
US-PATENT-APPL-SN-616472
US-PATENT-CLASS-250-203R
US-PATENT-CLASS-250-211K
US-PATENT-CLASS-356-141
US-PATENT-CLASS-356-152
US-PATENT-CLASS-356-172
US-PATENT-4,018,532

N77-23106* c 07 ..... NASA-CASE-LEW-12830-1
US-PATENT-APPL-SN-596641
US-PATENT-APPL-SN-655149
US-PATENT-CLASS-123-122E
US-PATENT-CLASS-123-41.33
US-PATENT-CLASS-137-101
US-PATENT-CLASS-415-180
US-PATENT-CLASS-60-39.03
US-PATENT-CLASS-60-39.28R
US-PATENT-CLASS-60-39.66
US-PATENT-4,020,632

N77-23482* c 37 ..... NASA-CASE-LAR-11563-1
US-PATENT-APPL-SN-672815
US-PATENT-CLASS-29-DIG.35
US-PATENT-CLASS-29-447
US-PATENT-CLASS-403-273
US-PATENT-CLASS-53-9
US-PATENT-4,017,959

N77-23483* c 37 ..... NASA-CASE-MFS-23088-1
US-PATENT-APPL-SN-602617
US-PATENT-CLASS-213-81
US-PATENT-CLASS-214-1CM
US-PATENT-CLASS-244-161
US-PATENT-4,018,409

N77-24328* c 32 ..... NASA-CASE-ARC-10984-1
US-PATENT-APPL-SN-690815
US-PATENT-CLASS-358-133
US-PATENT-CLASS-358-138
US-PATENT-4,025,950

N77-24331* c 32 ..... NASA-CASE-MSC-14840-1
US-PATENT-APPL-SN-692414
US-PATENT-CLASS-178-88
US-PATENT-CLASS-325-346
US-PATENT-CLASS-329-104
US-PATENT-CLASS-329-122
US-PATENT-4,027,265

N77-24375* c 33 ..... NASA-CASE-MSC-12709-1
US-PATENT-APPL-SN-630583
US-PATENT-CLASS-307-225R
US-PATENT-CLASS-328-38
US-PATENT-CLASS-328-39
US-PATENT-CLASS-328-4-8
US-PATENT-CLASS-328-63
US-PATENT-4,025,866

N77-24423* c 34 ..... NASA-CASE-LAR-12045-1
US-PATENT-APPL-SN-682416
US-PATENT-CLASS-259/4R
US-PATENT-CLASS-261-DIG.75
US-PATENT-CLASS-261-123
US-PATENT-4,026,527

N77-24454* c 35 ..... NASA-CASE-ARC-10900-1
US-PATENT-APPL-SN-630579
US-PATENT-CLASS-338-229
US-PATENT-CLASS-338-28
US-PATENT-4,025,891

N77-24455* c 35 ..... NASA-CASE-GSC-12077-1
US-PATENT-APPL-SN-635519
US-PATENT-CLASS-65-108
US-PATENT-CLASS-65-59A
US-PATENT-CLASS-6554
US-PATENT-CLASS-6564
US-PATENT-4,025,327

N77-25499* c 36 ..... NASA-CASE-GSC-11571-1
US-PATENT-APPL-SN-646704
US-PATENT-CLASS-331-94.5S
US-PATENT-4,025,875

N77-25501* c 36 ..... NASA-CASE-ARC-10970-1
US-PATENT-APPL-SN-691046
US-PATENT-CLASS-250-574
US-PATENT-CLASS-350-100
US-PATENT-CLASS-350-102
US-PATENT-CLASS-356-28
US-PATENT-4,026,655

N77-25502* c 36 ..... NASA-CASE-NPO-13147-1
US-PATENT-APPL-SN-317310
US-PATENT-CLASS-330-4.3
US-PATENT-CLASS-331-94.5D
US-PATENT-CLASS-331-94.5P
US-PATENT-4,027,273

N77-25769* c 51 ..... NASA-CASE-LAR-10773-3
US-PATENT-APPL-SN-125235
US-PATENT-APPL-SN-314656
US-PATENT-APPL-SN-623238
US-PATENT-CLASS-195-1.8
US-PATENT-4,018,649

N77-25772* c 52 ..... NASA-CASE-KSC-11030-1
US-PATENT-APPL-SN-709849
US-PATENT-CLASS-128-1R
US-PATENT-CLASS-3-1
US-PATENT-CLASS-339,12R
US-PATENT-4,025,964

N77-26385* c 33 ..... NASA-CASE-LEW-11978-1
US-PATENT-APPL-SN-708658
US-PATENT-CLASS-204-32A
US-PATENT-CLASS-29-597
US-PATENT-CLASS-29-622
US-PATENT-CLASS-29-628
US-PATENT-CLASS-29-630E
US-PATENT-4,023,266

N77-26386* c 33 ..... NASA-CASE-GSC-11824-1
US-PATENT-APPL-SN-583486
US-PATENT-CLASS-318-138
US-PATENT-CLASS-318-227
US-PATENT-CLASS-318-254
US-PATENT-4,027,212

N77-26387* c 33 ..... NASA-CASE-LAR-11389-1

US-PATENT-APPL-SN-229143
US-PATENT-APPL-SN-340862
US-PATENT-CLASS-310-111
US-PATENT-CLASS-310-168
US-PATENT-CLASS-322-96
US-PATENT-3,849,720

N77-26477* c 36 ..... NASA-CASE-NPO-13550-1
US-PATENT-APPL-SN-483301
US-PATENT-CLASS-250-281
US-PATENT-CLASS-250-282
US-PATENT-CLASS-250-283
US-PATENT-CLASS-250-423P
US-PATENT-4,031,389

N77-26919* c 71 ..... NASA-CASE-NPO-13673-1
US-PATENT-APPL-SN-613004
US-PATENT-CLASS-330-5.5
US-PATENT-CLASS-331-107A
US-PATENT-CLASS-333-72
US-PATENT-4,025,876

N77-26942* c 74 ..... NASA-CASE-GSC-12058-1
US-PATENT-APPL-SN-680938
US-PATENT-CLASS-250-199
US-PATENT-4,025,783

N77-27116* c 07 ..... NASA-CASE-LEW-12608-1
US-PATENT-APPL-SN-680067
US-PATENT-CLASS-416-220R
US-PATENT-CLASS-416-221
US-PATENT-4,033,705

N77-27131* c 09 ..... NASA-CASE-LAR-11883-1
US-PATENT-APPL-SN-662175
US-PATENT-CLASS-73-15R
US-PATENT-4,027,524

N77-27187* c 24 ..... NASA-CASE-MFS-22926-1
US-PATENT-APPL-SN-557565
US-PATENT-CLASS-164-60
US-PATENT-CLASS-75-135
US-PATENT-CLASS-75-139
US-PATENT-CLASS-75-65R
US-PATENT-4,029,500

N77-27188* c 24 ..... NASA-CASE-LEW-12118-1
US-PATENT-APPL-SN-616332
US-PATENT-CLASS-428-301
US-PATENT-CLASS-428-328
US-PATENT-CLASS-428-368
US-PATENT-CLASS-428-418
US-PATENT-CLASS-428-457
US-PATENT-CLASS-428-902
US-PATENT-CLASS-428-911
US-PATENT-4,029,838

N77-27345* c 34 ..... NASA-CASE-ARC-10974-1
US-PATENT-APPL-SN-667010
US-PATENT-CLASS-73-189
US-PATENT-CLASS-73-228
US-PATENT-4,028,939

N77-27366* c 35 ..... NASA-CASE-GSC-12059-1
US-PATENT-APPL-SN-680957
US-PATENT-CLASS-331-94.5D
US-PATENT-CLASS-331-94.5T
US-PATENT-CLASS-350-253
US-PATENT-4,030,047

N77-27367* c 35 ..... NASA-CASE-NPO-11103-1
US-PATENT-APPL-SN-3654
US-PATENT-CLASS-73-84
US-PATENT-3,623,359

N77-27368* c 35 ..... NASA-CASE-MSC-12327-1
US-PATENT-APPL-SN-19572
US-PATENT-CLASS-73-362AR
US-PATENT-3,613,454

N77-27400* c 37 ..... NASA-CASE-GSC-11063-1
US-PATENT-APPL-SN-41431
US-PATENT-CLASS-318-267
US-PATENT-CLASS-318-468
US-PATENT-CLASS-318-470
US-PATENT-CLASS-318-675
US-PATENT-3,628,113

N77-27677* c 51 ..... NASA-CASE-LAR-11649-1
US-PATENT-APPL-SN-626942
US-PATENT-CLASS-118-313
US-PATENT-CLASS-118-6
US-PATENT-CLASS-118-7
US-PATENT-CLASS-118-9
US-PATENT-CLASS-23-253A
US-PATENT-CLASS-23-259
US-PATENT-CLASS-23-292
US-PATENT-CLASS-424-3
US-PATENT-CLASS-427-4
US-PATENT-CLASS-8-3
US-PATENT-CLASS-8-94.11
US-PATENT-4,029,470

N77-28118* c 07 ..... NASA-CASE-LAR-11310-1
US-PATENT-APPL-SN-394898
US-PATENT-CLASS-415-145
US-PATENT-CLASS-60-226R
US-PATENT-CLASS-60-263
US-PATENT-4,033,119

N77-28225* c 24 ..... NASA-CASE-MSC-12631-1
US-PATENT-APPL-SN-568541
US-PATENT-CLASS-156-229
US-PATENT-CLASS-244-123
US-PATENT-CLASS-428-141
US-PATENT-CLASS-428-161
US-PATENT-CLASS-428-425
US-PATENT-CLASS-428-457
US-PATENT-CLASS-428-458
US-PATENT-4,032,089

N77-28265* c 26 ..... NASA-CASE-LEW-11573-1
US-PATENT-APPL-SN-625733
US-PATENT-CLASS-228-190
US-PATENT-CLASS-228-194
US-PATENT-CLASS-228-232
US-PATENT-4,033,504

N77-28346* c 32 ..... NASA-CASE-GSC-12053-1
US-PATENT-APPL-SN-667930
US-PATENT-CLASS-250-199
US-PATENT-CLASS-250-238
US-PATENT-4,033,882

N77-28385* c 33 ..... NASA-CASE-LEW-12444-1
US-PATENT-APPL-SN-583485
US-PATENT-CLASS-123-148CB
US-PATENT-CLASS-123-148E
US-PATENT-CLASS-315-176
US-PATENT-4,033,316

N77-28486* c 37 ..... NASA-CASE-LEW-11158-1
US-PATENT-APPL-SN-663008
US-PATENT-CLASS-308-5R
US-PATENT-CLASS-308-73
US-PATENT-CLASS-308-9
US-PATENT-4,035,037

N77-28487* c 37 ..... NASA-CASE-MSC-14905-1
US-PATENT-APPL-SN-708795
US-PATENT-CLASS-128-DIG.12
US-PATENT-CLASS-128-214F
US-PATENT-CLASS-222-61
US-PATENT-CLASS-222-95
US-PATENT-4,033,479

N77-28511* c 39 ..... NASA-CASE-MFS-23299-1
US-PATENT-APPL-SN-700673
US-PATENT-CLASS-73-67.7
US-PATENT-CLASS-73-88R
US-PATENT-4,033,182

N77-28716* c 52 ..... NASA-CASE-LEW-12258-1
US-PATENT-APPL-SN-676433
US-PATENT-CLASS-128-1R
US-PATENT-CLASS-128-303R
US-PATENT-4,033,349

N77-28717* c 52 ..... NASA-CASE-MSC-14623-1
US-PATENT-APPL-SN-637269
US-PATENT-CLASS-128-DIG.4
US-PATENT-CLASS-128-2.1E
US-PATENT-CLASS-128-410
US-PATENT-4,033,334

N77-28932* c 74 ..... NASA-CASE-GSC-11989-1
US-PATENT-APPL-SN-645500
US-PATENT-CLASS-350-162SF
US-PATENT-CLASS-350-202
US-PATENT-CLASS-350-299
US-PATENT-4,035,062

N77-28933* c 74 ..... NASA-CASE-NPO-13707-1
US-PATENT-APPL-SN-617202
US-PATENT-CLASS-350-288
US-PATENT-CLASS-350-310
US-PATENT-CLASS-350-320
US-PATENT-4,035,065

N77-29260* c 26 ..... NASA-CASE-MFS-23405-1
US-PATENT-APPL-SN-718267
US-PATENT-CLASS-228-124
US-PATENT-CLASS-228-263
US-PATENT-4,033,503

N77-30236* c 27 ..... NASA-CASE-NPO-13620-1
US-PATENT-APPL-SN-666992
US-PATENT-CLASS-210-24
US-PATENT-CLASS-536-105
US-PATENT-CLASS-536-536-85
US-PATENT-CLASS-536-56
US-PATENT-CLASS-536-58
US-PATENT-CLASS-536-84
US-PATENT-4,041,233

N77-30237* c 27 ..... NASA-CASE-MFS-23345-1
US-PATENT-APPL-SN-696989
US-PATENT-CLASS-106-292
US-PATENT-CLASS-106-296
US-PATENT-CLASS-106-299
US-PATENT-4,039,347

N77-30308* c 32 ..... NASA-CASE-GSC-12017-1
US-PATENT-APPL-SN-645510
US-PATENT-CLASS-325-30
US-PATENT-CLASS-325-42
US-PATENT-CLASS-325-473
US-PATENT-CLASS-325-65
US-PATENT-4,041,391

N77-30309* c 32 ..... NASA-CASE-GSC-11898-1
US-PATENT-APPL-SN-566494
US-PATENT-CLASS-179-1SA
US-PATENT-CLASS-179-1SP
US-PATENT-4,039,754

N77-30365* c 33 ..... NASA-CASE-NPO-13812-1
US-PATENT-APPL-SN-694855
US-PATENT-CLASS-307-64
US-PATENT-CLASS-363-53
US-PATENT-CLASS-363-70
US-PATENT-4,039,925

N77-30399* c 34 ..... NASA-CASE-MFS-19287-1
US-PATENT-APPL-SN-641802
US-PATENT-CLASS-137-207
US-PATENT-CLASS-137-209
US-PATENT-CLASS-60-259
US-PATENT-CLASS-62-55
US-PATENT-4,039,000

N77-30436* c 35 ..... NASA-CASE-MFS-23175-1
US-PATENT-APPL-SN-667928
US-PATENT-CLASS-324-163
US-PATENT-CLASS-324-165
US-PATENT-CLASS-324-174
US-PATENT-CLASS-340-271
US-PATENT-CLASS-340-347P
US-PATENT-CLASS-340-347SY
US-PATENT-4,039-946

N77-30749* c 54 ..... NASA-CASE-KSC-11004-1
US-PATENT-APPL-SN-710032
US-PATENT-CLASS-3-2
US-PATENT-CLASS-3-21
US-PATENT-4,038,705

N77-31308* c 27 ..... NASA-CASE-NPO-11609-2
US-PATENT-APPL-SN-228229
US-PATENT-APPL-SN-674700
US-PATENT-CLASS-210-DIG.27
US-PATENT-CLASS-210-40
US-PATENT-CLASS-260-2.5A
US-PATENT-CLASS-260-2.5AM
US-PATENT-CLASS-260-2.5AY
US-PATENT-CLASS-260-77.5AP
US-PATENT-4,039-489

N77-31350* c 32 ..... NASA-CASE-GSC-12075-1
US-PATENT-APPL-SN-562499
US-PATENT-CLASS-343-17.7
US-PATENT-4,042,926

N77-31404* c 33 ..... NASA-CASE-ARC-10897-1
US-PATENT-APPL-SN-625781
US-PATENT-CLASS-323-93
US-PATENT-CLASS-324-60
US-PATENT-CLASS-340-200
US-PATENT-CLASS-340-347SH
US-PATENT-4,040,041

N77-31465* c 35 ..... NASA-CASE-MFS-23118-1
US-PATENT-APPL-SN-691256
US-PATENT-CLASS-356-212
US-PATENT-4,040,750

N77-31497* c 37 ..... NASA-CASE-NPO-13671-1
US-PATENT-APPL-SN-564622
US-PATENT-CLASS-123-DIG.8
US-PATENT-CLASS-123-119A
US-PATENT-CLASS-123-122AB
US-PATENT-CLASS-123-3
US-PATENT-CLASS-123-37
US-PATENT-CLASS-123-59E
US-PATENT-4,041,910

N77-31601* c 44 ..... NASA-CASE-LEW-12587-1
US-PATENT-APPL-SN-717319
US-PATENT-CLASS-136-89AC
US-PATENT-CLASS-136-89P
US-PATENT-CLASS-52-173R
US-PATENT-CLASS-52-51
US-PATENT-4,040,867

N77-32148* c 07 ..... NASA-CASE-LEW-12312-1
US-PATENT-APPL-SN-654787
US-PATENT-CLASS-416-135
US-PATENT-CLASS-416-190
US-PATENT-CLASS-416-193A
US-PATENT-CLASS-416-241A
US-PATENT-4,045,149

N77-32255* c 25 ..... NASA-CASE-NPO-13566-1
US-PATENT-APPL-SN-653316
US-PATENT-CLASS-204-DIG.11
US-PATENT-CLASS-204-157.1R
US-PATENT-CLASS-204-158R
US-PATENT-CLASS-204-162R
US-PATENT-CLASS-250-527
US-PATENT-4,045,359

N77-32279* c 26 ..... NASA-CASE-LEW-12906-1
US-PATENT-APPL-SN-691936
US-PATENT-CLASS-148-32
US-PATENT-CLASS-75-170
US-PATENT-4,045,255

N77-32280* c 26 ..... NASA-CASE-LEW-12270-1
US-PATENT-APPL-SN-645507
US-PATENT-CLASS-148-32.5
US-PATENT-CLASS-75-170
US-PATENT-4,046,560

US-PATENT-APPL-SN-362278
US-PATENT-CLASS-74-600
US-PATENT-3,306,134

N78-17386* c 37 ..... NASA-CASE-NPO-10151
US-PATENT-APPL-SN-365244
US-PATENT-CLASS-328-233
US-PATENT-3,387,218

N78-17395* c 38 ..... NASA-CASE-NPO-13283
US-PATENT-APPL-SN-401225
US-PATENT-CLASS-235-151.3
US-PATENT-CLASS-235-156
US-PATENT-CLASS-235-181
US-PATENT-CLASS-250-572
US-PATENT-CLASS-356-237
US-PATENT-3,908,118

N78-17396* c 38 ..... NASA-CASE-NPO-13282
US-PATENT-APPL-SN-401224
US-PATENT-CLASS-235-151.3
US-PATENT-CLASS-235-156
US-PATENT-CLASS-250-563
US-PATENT-CLASS-250-572
US-PATENT-CLASS-356-165
US-PATENT-CLASS-356-237
US-PATENT-3,909,602

N78-17460* c 44 ..... NASA-CASE-NPO-13579-1
US-PATENT-APPL-SN-598969
US-PATENT-CLASS-126-263
US-PATENT-CLASS-126-271
US-PATENT-CLASS-165-2
US-PATENT-CLASS-237-1A
US-PATENT-CLASS-60-641
US-PATENT-CLASS-62-4
US-PATENT-4,065,053

N78-17675* c 54 ..... NASA-CASE-ARC-11101-1
US-PATENT-APPL-SN-753976
US-PATENT-CLASS-2-2.1A
US-PATENT-CLASS-36-119
US-PATENT-CLASS-36-92
US-PATENT-4,064,642

N78-17676* c 54 ..... NASA-CASE-MFS-23311-1
US-PATENT-APPL-SN-708800
US-PATENT-CLASS-214-1CM
US-PATENT-CLASS-3-12.5
US-PATENT-CLASS-74-515E
US-PATENT-4,068,763

N78-17677* c 54 ..... NASA-CASE-MSC-13054
US-PATENT-APPL-SN-585217
US-PATENT-CLASS-2-161
US-PATENT-3,490,074

N78-17678* c 54 ..... NASA-CASE-XMS-04670
US-PATENT-APPL-SN-535169
US-PATENT-CLASS-2-2.1
US-PATENT-3,488,771

N78-17679* c 54 ..... NASA-CASE-XMS-04928
US-PATENT-APPL-SN-584914
US-PATENT-CLASS-98-1
US-PATENT-3,487,765

N78-17680* c 54 ..... NASA-CASE-XMS-09653
US-PATENT-APPL-SN-538863
US-PATENT-CLASS-2-6
US-PATENT-3,359,568

N78-17691* c 60 ..... NASA-CASE-GSC-12044-1
US-PATENT-APPL-SN-631341
US-PATENT-CLASS-340-347DD
US-PATENT-4,069,478

N78-17865* c 74 ..... NASA-CASE-MSC-12618-1
US-PATENT-APPL-SN-651007
US-PATENT-CLASS-350-159
US-PATENT-CLASS-358-225
US-PATENT-CLASS-358-41
US-PATENT-CLASS-358-55
US-PATENT-4,067,043

N78-17866* c 74 ..... NASA-CASE-LAR-11711-1
US-PATENT-APPL-SN-674195
US-PATENT-CLASS-250-201
US-PATENT-CLASS-350-204
US-PATENT-CLASS-356-28
US-PATENT-4,063,814

N78-17867* c 74 ..... NASA-CASE-NPO-13759-1
US-PATENT-APPL-SN-718266
US-PATENT-CLASS-250-344
US-PATENT-CLASS-356-204
US-PATENT-CLASS-356-246
US-PATENT-4,067,653

N78-18066* c 07 ..... NASA-CASE-LEW-12389-2
US-PATENT-APPL-SN-628221
US-PATENT-CLASS-244-53A
US-PATENT-CLASS-244-54
US-PATENT-CLASS-60-226R
US-PATENT-CLASS-60-39.31
US-PATENT-4,055,041

N78-18067* c 07 ..... NASA-CASE-LEW-12917-1
US-PATENT-APPL-SN-583055
US-PATENT-CLASS-60-204
US-PATENT-CLASS-60-262
US-PATENT-4,069,661

N78-18083* c 09 ..... NASA-CASE-ARC-10903-1
US-PATENT-APPL-SN-623536
US-PATENT-CLASS-35-12N
US-PATENT-CLASS-358-104
US-PATENT-4,055,004

N78-18182* c 26 ..... NASA-CASE-LEW-12095-1
US-PATENT-APPL-SN-651009
US-PATENT-CLASS-75-124
US-PATENT-CLASS-75-126D
US-PATENT-CLASS-75-126F
US-PATENT-CLASS-75-128G
US-PATENT-CLASS-75-128T
US-PATENT-4,055,416

N78-18183* c 26 ..... NASA-CASE-LEW-12905-1
US-PATENT-APPL-SN-684171
US-PATENT-CLASS-148-32
US-PATENT-CLASS-148-32.5
US-PATENT-CLASS-75-170
US-PATENT-4,055,447

N78-18308* c 33 ..... NASA-CASE-FRC-10090-1
US-PATENT-APPL-SN-737974
US-PATENT-CLASS-307-265
US-PATENT-CLASS-307-350
US-PATENT-CLASS-307-360
US-PATENT-CLASS-328-150
US-PATENT-4,055,777

N78-18355* c 34 ..... NASA-CASE-LEW-12554-1
US-PATENT-APPL-SN-686449
US-PATENT-CLASS-427-34
US-PATENT-CLASS-427-405
US-PATENT-CLASS-427-419A
US-PATENT-CLASS-427-423
US-PATENT-CLASS-428-633
US-PATENT-CLASS-428-652
US-PATENT-CLASS-428-667
US-PATENT-4,055,705

N78-18390* c 35 ..... NASA-CASE-MFS-23008-1
US-PATENT-APPL-SN-665734
US-PATENT-CLASS-73-DIG.11
US-PATENT-CLASS-73-28
US-PATENT-CLASS-73-432PS
US-PATENT-CLASS-73-432R
US-PATENT-4,055,089

N78-18391* c 35 ..... NASA-CASE-NPO-13687-1
US-PATENT-APPL-SN-641803
US-PATENT-CLASS-356-106S
US-PATENT-CLASS-356-110
US-PATENT-4,053,231

N78-18395*# c 35 ..... NASA-CASE-NPO-13999-1
US-PATENT-APPL-SN-858596

N78-18410* c 36 ..... NASA-CASE-NPO-13801-1
US-PATENT-APPL-SN-708796
US-PATENT-CLASS-330-4
US-PATENT-CLASS-332-7.5
US-PATENT-4,055,810

N78-18761* c 54 ..... NASA-CASE-MSC-10954-1
US-PATENT-APPL-SN-529884
US-PATENT-CLASS-2-2.1
US-PATENT-3,514,785

N78-18905* c 74 ..... NASA-CASE-GSC-12010-1
US-PATENT-APPL-SN-680958
US-PATENT-CLASS-250-213VT
US-PATENT-CLASS-313-442
US-PATENT-CLASS-313-94
US-PATENT-4,070,574

N78-19302* c 27 ..... NASA-CASE-NPO-13690-1
US-PATENT-APPL-SN-633876
US-PATENT-CLASS-106-39.5
US-PATENT-CLASS-106-65
US-PATENT-CLASS-106-73.5
US-PATENT-4,072,532

N78-19465* c 35 ..... NASA-CASE-ARC-10896-1
US-PATENT-APPL-SN-615030
US-PATENT-CLASS-73-23
US-PATENT-4,055,072

N78-19466* c 35 ..... NASA-CASE-ARC-10820-1
US-PATENT-APPL-SN-620675
US-PATENT-CLASS-119-51.11
US-PATENT-CLASS-119-72.5
US-PATENT-CLASS-137-624.11
US-PATENT-4,055,147

N78-19599* c 44 ..... NASA-CASE-LEW-12159-1
US-PATENT-APPL-SN-643041
US-PATENT-CLASS-126-270
US-PATENT-CLASS-427-160
US-PATENT-CLASS-428-652
US-PATENT-CLASS-428-667
US-PATENT-CLASS-428-679
US-PATENT-4,055,707

N78-19920* c 73 ..... NASA-CASE-HQN-10841-1
US-PATENT-APPL-SN-560891
US-PATENT-CLASS-176-39
US-PATENT-CLASS-330-4.3
US-PATENT-4,075,057

N78-24275* c 20 ..... NASA-CASE-LAR-12018-1
US-PATENT-APPL-SN-678520
US-PATENT-CLASS-102-39
US-PATENT-CLASS-102-49.7
US-PATENT-CLASS-102-70R
US-PATENT-CLASS-285-192
US-PATENT-CLASS-60-39.82E
US-PATENT-4,080,901

N78-24290* c 24 ..... NASA-CASE-MFS-23506-1
US-PATENT-APPL-SN-760809
US-PATENT-CLASS-260-2.5AK
US-PATENT-CLASS-260-2.5AP
US-PATENT-CLASS-260-2.5B
US-PATENT-CLASS-260-2.5BE
US-PATENT-CLASS-260-2.5EP
US-PATENT-CLASS-260-2.5FP
US-PATENT-CLASS-260-29.1R
US-PATENT-CLASS-260-37EP
US-PATENT-CLASS-427-427
US-PATENT-4,077,921

N78-24333* c 26 ..... NASA-CASE-MSC-19693-1
US-PATENT-APPL-SN-708771
US-PATENT-CLASS-148-12.7A
US-PATENT-CLASS-148-125
US-PATENT-4,077,813

N78-24365* c 28 ..... NASA-CASE-LEW-12081-1
US-PATENT-APPL-SN-676432
US-PATENT-CLASS-250-492R
US-PATENT-CLASS-34-15
US-PATENT-CLASS-423-648R
US-PATENT-CLASS-62-100
US-PATENT-CLASS-62-48
US-PATENT-4,077,788

N78-24391* c 32 ..... NASA-CASE-NPO-13886-1
US-PATENT-APPL-SN-730045
US-PATENT-CLASS-307-151
US-PATENT-CLASS-343-700MS
US-PATENT-CLASS-361-395
US-PATENT-4,079,268

N78-24515* c 35 ..... NASA-CASE-LAR-11201-1
US-PATENT-APPL-SN-788705
US-PATENT-CLASS-416-144
US-PATENT-CLASS-416-61
US-PATENT-CLASS-73-456
US-PATENT-CLASS-73-756
US-PATENT-4,082,001

N78-24544* c 37 ..... NASA-CASE-MSC-16000-1
US-PATENT-APPL-SN-739915
US-PATENT-CLASS-29-156.8R
US-PATENT-CLASS-29-23.5
US-PATENT-CLASS-29-244
US-PATENT-CLASS-29-252
US-PATENT-4,078,290

N78-24545* c 37 ..... NASA-CASE-LEW-12785-1
US-PATENT-APPL-SN-739909
US-PATENT-CLASS-60-39.28R
US-PATENT-4,078,378

N78-24608* c 44 ..... NASA-CASE-GSC-12030-1
US-PATENT-APPL-SN-710035
US-PATENT-CLASS-308-10
US-PATENT-CLASS-310-153
US-PATENT-CLASS-310-154
US-PATENT-CLASS-310-178
US-PATENT-CLASS-310-269
US-PATENT-4,077,678

N78-24609* c 44 ..... NASA-CASE-GSC-12022-2
US-PATENT-APPL-SN-693074
US-PATENT-CLASS-136-89SG
US-PATENT-CLASS-148-174
US-PATENT-CLASS-29-572
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-59
US-PATENT-CLASS-427-113
US-PATENT-CLASS-427-248J
US-PATENT-CLASS-427-249
US-PATENT-CLASS-427-86
US-PATENT-4,077,818

N78-24950* c 76 ..... NASA-CASE-MFS-23315-1
US-PATENT-APPL-SN-724874
US-PATENT-CLASS-250-277CH
US-PATENT-CLASS-250-280
US-PATENT-4,078,175

N78-25089* c 07 ..... NASA-CASE-LEW-12452-1
US-PATENT-APPL-SN-695513
US-PATENT-CLASS-60-226R
US-PATENT-CLASS-60-39.52
US-PATENT-4,083,181

N78-25090* c 07 ..... NASA-CASE-LEW-11855-1
US-PATENT-APPL-SN-672222
US-PATENT-CLASS-277-134
US-PATENT-CLASS-277-25
US-PATENT-4,084,825

N78-25119* c 15 ..... NASA-CASE-MFS-23564-1
US-PATENT-APPL-SN-739908
US-PATENT-CLASS-244-161
US-PATENT-CLASS-244-167
US-PATENT-4,083,520

N78-25148* c 25 ..... NASA-CASE-LEW-12465-1

US-PATENT-APPL-SN-692413
US-PATENT-CLASS-250-423P
US-PATENT-CLASS-250-528
US-PATENT-CLASS-250-531
US-PATENT-CLASS-55-100
US-PATENT-CLASS-55-101
US-PATENT-CLASS-55-2
US-PATENT-4,085,332

N78-25256* c 31 ..... NASA-CASE-NPO-13839-1
US-PATENT-APPL-SN-712981
US-PATENT-CLASS-250-332
US-PATENT-CLASS-313-22
US-PATENT-CLASS-62-514R
US-PATENT-4,077,231

N78-25319* c 33 ..... NASA-CASE-NPO-13909-1
US-PATENT-APPL-SN-744477
US-PATENT-CLASS-324-57DE
US-PATENT-CLASS-324-57SS
US-PATENT-CLASS-324-58A
US-PATENT-4,084,132

N78-25350* c 34 ..... NASA-CASE-MSC-19568-1
US-PATENT-APPL-SN-681000
US-PATENT-CLASS-428-913
US-PATENT-CLASS-428-93
US-PATENT-CLASS-428-94
US-PATENT-CLASS-428-95
US-PATENT-CLASS-428-96
US-PATENT-CLASS-428-97
US-PATENT-CLASS-49-DIG.1
US-PATENT-CLASS-49-479
US-PATENT-CLASS-49-485
US-PATENT-4,078,110

N78-25351* c 34 ..... NASA-CASE-LEW-12718-1
US-PATENT-APPL-SN-779428
US-PATENT-CLASS-137-484.2
US-PATENT-CLASS-137-501
US-PATENT-CLASS-137-505.16
US-PATENT-4,084,612

N78-25391* c 35 ..... NASA-CASE-NPO-13948-1
US-PATENT-APPL-SN-752748
US-PATENT-CLASS-204-195W
US-PATENT-CLASS-73-336.5
US-PATENT-4,083,765

N78-25426* c 37 ..... NASA-CASE-MSC-12731-1
US-PATENT-APPL-SN-690816
US-PATENT-CLASS-137-505.25
US-PATENT-CLASS-137-625.3
US-PATENT-CLASS-137-625.38
US-PATENT-4,083,380

N78-25527* c 44 ..... NASA-CASE-LEW-12552-1
US-PATENT-APPL-SN-770869
US-PATENT-CLASS-136-89CC
US-PATENT-CLASS-29-572
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-65
US-PATENT-CLASS-357-67
US-PATENT-CLASS-427-261
US-PATENT-CLASS-427-75
US-PATENT-4,082,569

N78-25528* c 44 ..... NASA-CASE-LEW-12185-1
US-PATENT-APPL-SN-746269
US-PATENT-CLASS-136-89H
US-PATENT-CLASS-136-89P
US-PATENT-CLASS-29-572
US-PATENT-CLASS-29-628
US-PATENT-4,083,097

N78-25529* c 44 ..... NASA-CASE-LEW-12541-1
US-PATENT-APPL-SN-790637
US-PATENT-CLASS-136-89CC
US-PATENT-CLASS-136-89H
US-PATENT-CLASS-136-89P
US-PATENT-CLASS-156-633
US-PATENT-CLASS-29-572
US-PATENT-4,084,985

N78-25530* c 44 ..... NASA-CASE-LEW-12649-1
US-PATENT-APPL-SN-720521
US-PATENT-CLASS-427-385B
US-PATENT-CLASS-427-385C
US-PATENT-CLASS-429-254
US-PATENT-4,085,241

N78-25531* c 44 ..... NASA-CASE-MFS-23270-1
US-PATENT-APPL-SN-744573
US-PATENT-CLASS-320-13
US-PATENT-CLASS-320-15
US-PATENT-CLASS-320-32
US-PATENT-CLASS-320-39
US-PATENT-CLASS-320-9
US-PATENT-4,084,124

N78-27121* c 07 ..... NASA-CASE-LAR-11919-1
US-PATENT-APPL-SN-672221
US-PATENT-CLASS-239-265.25
US-PATENT-CLASS-239-265.33
US-PATENT-CLASS-60-230
US-PATENT-4,088,270

N78-27176*# c 20 ..... NASA-CASE-MFS-23642-2
US-PATENT-APPL-SN-923758

N78-27180* c 24 ..... NASA-CASE-ARC-11043-1
US-PATENT-APPL-SN-753964
US-PATENT-CLASS-260-33.6EP
US-PATENT-CLASS-260-33.6PQ
US-PATENT-CLASS-260-33.8EP
US-PATENT-CLASS-260-33.8UA
US-PATENT-CLASS-260-37EP
US-PATENT-CLASS-260-42.43
US-PATENT-CLASS-260-45.7R
US-PATENT-CLASS-260-45.75W
US-PATENT-CLASS-260-45.85N
US-PATENT-CLASS-260-45.9R
US-PATENT-CLASS-427-386
US-PATENT-CLASS-427-388A
US-PATENT-CLASS-428-313
US-PATENT-CLASS-428-332
US-PATENT-CLASS-428-921
US-PATENT-4,088,806

N78-27184*# c 24 ..... NASA-CASE-ARC-11040-2
US-PATENT-APPL-SN-920878

N78-27226* c 25 ..... NASA-CASE-LEW-10518-3
US-PATENT-APPL-SN-394207
US-PATENT-CLASS-176-11
US-PATENT-CLASS-176-16
US-PATENT-CLASS-250-400
US-PATENT-CLASS-250-429
US-PATENT-CLASS-250-492B
US-PATENT-4,088,532

N78-27326* c 33 ..... NASA-CASE-MFS-23312-1
US-PATENT-APPL-SN-699012
US-PATENT-CLASS-29-571
US-PATENT-CLASS-29-578
US-PATENT-CLASS-357-91
US-PATENT-4,087,902

N78-27357* c 34 ..... NASA-CASE-LEW-11877-1
US-PATENT-APPL-SN-708660
US-PATENT-CLASS-431-10
US-PATENT-CLASS-431-328
US-PATENT-CLASS-431-7
US-PATENT-CLASS-60-39.65
US-PATENT-CLASS-60-39.69R
US-PATENT-4,087,962

N78-27384* c 35 ..... NASA-CASE-LAR-11973-1
US-PATENT-APPL-SN-821681
US-PATENT-CLASS-73-170A
US-PATENT-CLASS-73-425.4R
US-PATENT-CLASS-73-61R
US-PATENT-4,089,209

N78-27402* c 36 ..... NASA-CASE-NPO-13945-1
US-PATENT-APPL-SN-704180
US-PATENT-CLASS-331-94.5G
US-PATENT-CLASS-331-94.5P
US-PATENT-CLASS-331-94.5PE
US-PATENT-4,088,965

N78-27423* c 37 ..... NASA-CASE-MSC-16270-1
US-PATENT-APPL-SN-837260
US-PATENT-CLASS-269-21
US-PATENT-CLASS-269-266
US-PATENT-4,088,312

N78-27424* c 37 ..... NASA-CASE-LAR-11889-2
US-PATENT-APPL-SN-662182
US-PATENT-APPL-SN-807703
US-PATENT-CLASS-308-10
US-PATENT-CLASS-73-178R
US-PATENT-4,088,018

N78-27425* c 37 ..... NASA-CASE-ARC-10981-1
US-PATENT-APPL-SN-738218
US-PATENT-CLASS-248-178
US-PATENT-CLASS-248-186
US-PATENT-4,088,291

N78-27515* c 44 ..... NASA-CASE-NPO-12148-1
US-PATENT-APPL-SN-709415
US-PATENT-CLASS-136-89P
US-PATENT-4,089,705

N78-27733* c 51 ..... NASA-CASE-ARC-10917-1
US-PATENT-APPL-SN-672223
US-PATENT-CLASS-119-29
US-PATENT-4,088,094

N78-27904* c 74 ..... NASA-CASE-LAR-11869-1
US-PATENT-APPL-SN-740155
US-PATENT-CLASS-356-120
US-PATENT-CLASS-356-167
US-PATENT-4,088,408

N78-27913* c 75 ..... NASA-CASE-MFS-22906-1
US-PATENT-APPL-SN-684807
US-PATENT-CLASS-29-81C
US-PATENT-CLASS-313-231.3
US-PATENT-CLASS-315-111.2
US-PATENT-4,088,926

N78-28411* c 35 ..... NASA-CASE-KSC-11035-1
US-PATENT-APPL-SN-780874
US-PATENT-CLASS-324-130
US-PATENT-CLASS-324-32
US-PATENT-CLASS-324-74
US-PATENT-4,088,951

N78-28594* c 44 ..... NASA-CASE-NPO-13821-1
US-PATENT-APPL-SN-688852
US-PATENT-CLASS-343-113R
US-PATENT-CLASS-343-119
US-PATENT-CLASS-343-16M
US-PATENT-4,088,999

N78-28913* c 73 ..... NASA-CASE-NPO-13114-2
US-PATENT-APPL-SN-294738
US-PATENT-APPL-SN-634214
US-PATENT-CLASS-176-22
US-PATENT-CLASS-176-33
US-PATENT-CLASS-176-39
US-PATENT-4,085,004

N78-29421* c 35 ..... NASA-CASE-NPO-11954-1
US-PATENT-APPL-SN-229287
US-PATENT-CLASS-179-100.2CH
US-PATENT-CLASS-340-174.1M
US-PATENT-CLASS-340-174YC
US-PATENT-CLASS-350-151
US-PATENT-3,775,570

N78-31129* c 09 ..... NASA-CASE-MSC-19706-1
US-PATENT-APPL-SN-767911
US-PATENT-CLASS-239-265.25
US-PATENT-CLASS-73-147
US-PATENT-4,091,665

N78-31232* c 27 ..... NASA-CASE-ARC-11008-1
US-PATENT-APPL-SN-708951
US-PATENT-CLASS-260-2.5N
US-PATENT-CLASS-260-47CP
US-PATENT-CLASS-260-63N
US-PATENT-CLASS-260-78.41
US-PATENT-4,092,274

N78-31233* c 27 ..... NASA-CASE-ARC-11057-1
US-PATENT-APPL-SN-807762
US-PATENT-CLASS-350-165
US-PATENT-CLASS-350-175NG
US-PATENT-CLASS-427-164
US-PATENT-CLASS-427-40
US-PATENT-CLASS-427-41
US-PATENT-CLASS-428-411
US-PATENT-CLASS-428-412
US-PATENT-CLASS-428-422
US-PATENT-CLASS-428-447
US-PATENT-CLASS-428-515
US-PATENT-CLASS-428-523
US-PATENT-CLASS-428-538
US-PATENT-4,091,166

N78-31255* c 28 ..... NASA-CASE-NPO-14103-1
US-PATENT-APPL-SN-797210
US-PATENT-CLASS-149-105
US-PATENT-CLASS-149-111
US-PATENT-CLASS-149-19.4
US-PATENT-CLASS-149-19.8
US-PATENT-CLASS-149-88
US-PATENT-CLASS-149-92
US-PATENT-CLASS-149-93
US-PATENT-4,092,188

N78-31321* c 32 ..... NASA-CASE-NPO-14022-1
US-PATENT-APPL-SN-780728
US-PATENT-CLASS-343-781CA
US-PATENT-CLASS-343-782
US-PATENT-CLASS-343-837
US-PATENT-4,092,648

N78-31426* c 37 ..... NASA-CASE-GSC-11883-2
US-PATENT-APPL-SN-596787
US-PATENT-APPL-SN-747675
US-PATENT-CLASS-60-527
US-PATENT-CLASS-74-100R
US-PATENT-4,010,455
US-PATENT-4,092,874

N78-31525* c 44 ..... NASA-CASE-NPO-13581-2
US-PATENT-APPL-SN-590975
US-PATENT-APPL-SN-811815
US-PATENT-CLASS-126-271
US-PATENT-CLASS-237-1A
US-PATENT-4,091,800

N78-31526* c 44 ..... NASA-CASE-NPO-13813-1
NASA-CASE-NPO-13914-1
US-PATENT-APPL-SN-765139
US-PATENT-CLASS-126-270
US-PATENT-CLASS-126-271
US-PATENT-CLASS-350-299
US-PATENT-4,091,798

N78-31527* c 44 ..... NASA-CASE-NPO-13937-1
US-PATENT-APPL-SN-718137
US-PATENT-CLASS-201-17
US-PATENT-CLASS-44-1R
US-PATENT-CLASS-44-2
US-PATENT-4,081,250

N78-31735* c 54 ..... NASA-CASE-ARC-11058-1
US-PATENT-APPL-SN-753965
US-PATENT-CLASS-2-2.1A
US-PATENT-CLASS-285-235
US-PATENT-4,091,464

N78-31736* c 54 ..... NASA-CASE-ARC-11100-1
US-PATENT-APPL-SN-780569
US-PATENT-CLASS-2-2.1A

US-PATENT-4,091,465
N78-32086* c 05 ..... NASA-CASE-LAR-11932-1
US-PATENT-APPL-SN-718244
US-PATENT-CLASS-244-218
US-PATENT-CLASS-244-45A
US-PATENT-CLASS-244-46
US-PATENT-4,093,156
N78-32168*# c 15 ..... NASA-CASE-LAR-12264-1
US-PATENT-APPL-SN-943087
N78-32179* c 20 ..... NASA-CASE-NPO-11458A
US-PATENT-APPL-SN-48621
US-PATENT-CLASS-102-103
US-PATENT-CLASS-149-19.4
US-PATENT-CLASS-149-42
US-PATENT-CLASS-149-43
US-PATENT-CLASS-149-44
US-PATENT-CLASS-149-76
US-PATENT-CLASS-149-83
US-PATENT-CLASS-149-85
US-PATENT-4,116,131
N78-32229* c 26 ..... NASA-CASE-ARC-10992-1
US-PATENT-APPL-SN-760810
US-PATENT-CLASS-204-164
US-PATENT-CLASS-204-175
US-PATENT-CLASS-423-582
US-PATENT-CLASS-423-583
US-PATENT-4,094,758
N78-32256* c 27 ..... NASA-CASE-MSC-14903-1
US-PATENT-APPL-SN-706424
US-PATENT-CLASS-260-2P
US-PATENT-CLASS-260-551P
US-PATENT-CLASS-260-606-5P
US-PATENT-CLASS-260-959
US-PATENT-CLASS-526-13
US-PATENT-CLASS-526-23
US-PATENT-CLASS-526-27
US-PATENT-CLASS-526-275
US-PATENT-CLASS-526-276
US-PATENT-CLASS-526-278
US-PATENT-CLASS-526-49
US-PATENT-CLASS-526-50
US-PATENT-CLASS-544-195
US-PATENT-4,092,466
N78-32260* c 27 ..... NASA-CASE-ARC-11051-1
US-PATENT-APPL-SN-736910
US-PATENT-CLASS-106-48
US-PATENT-CLASS-106-54
US-PATENT-CLASS-427-215
US-PATENT-CLASS-427-376A
US-PATENT-CLASS-427-376B
US-PATENT-CLASS-427-379
US-PATENT-CLASS-427-380
US-PATENT-CLASS-428-312
US-PATENT-CLASS-428-325
US-PATENT-CLASS-428-331
US-PATENT-CLASS-428-341
US-PATENT-CLASS-428-406
US-PATENT-CLASS-428-427
US-PATENT-CLASS-428-428
US-PATENT-CLASS-428-446
US-PATENT-CLASS-428-920
US-PATENT-CLASS-65-30R
US-PATENT-CLASS-65-60D
US-PATENT-4,093,771
N78-32261* c 27 ..... NASA-CASE-LAR-11828-1
US-PATENT-APPL-SN-448321
US-PATENT-APPL-SN-562992
US-PATENT-CLASS-260-47CP
US-PATENT-CLASS-260-49
US-PATENT-CLASS-260-63N
US-PATENT-CLASS-260-63R
US-PATENT-CLASS-260-65
US-PATENT-CLASS-260-78TF
US-PATENT-4,094,862
N78-32262* c 27 ..... NASA-CASE-MSC-14331-3
US-PATENT-APPL-SN-657998
US-PATENT-CLASS-264-130
US-PATENT-CLASS-264-184
US-PATENT-CLASS-264-211
US-PATENT-CLASS-264-236
US-PATENT-4,094,943
N78-32338* c 33 ..... NASA-CASE-GSC-12137-1
US-PATENT-APPL-SN-808510
US-PATENT-CLASS-329-124
US-PATENT-CLASS-331-12
US-PATENT-CLASS-331-4
US-PATENT-CLASS-331-64
US-PATENT-4,092,606
N78-32339* c 33 ..... NASA-CASE-GSC-12145-1
US-PATENT-APPL-SN-769149
US-PATENT-CLASS-307-229
US-PATENT-CLASS-307-230
US-PATENT-CLASS-328-145
US-PATENT-4,091,329
N78-32340* c 33 ..... NASA-CASE-GSC-12146-1
US-PATENT-APPL-SN-782480
US-PATENT-CLASS-325-159
US-PATENT-CLASS-325-187
US-PATENT-CLASS-333-17R
US-PATENT-CLASS-333-81R
US-PATENT-4,092,617
N78-32341* c 33 ..... NASA-CASE-LEW-12791-1
US-PATENT-APPL-SN-801432
US-PATENT-CLASS-363-101
US-PATENT-CLASS-363-16
US-PATENT-CLASS-363-60
US-PATENT-4,092,712
N78-32395* c 35 ..... NASA-CASE-ARC-11036-1
US-PATENT-APPL-SN-740457
US-PATENT-CLASS-33-366
US-PATENT-4,094,073
N78-32396* c 35 ..... NASA-CASE-MFS-23363-1
US-PATENT-APPL-SN-730046
US-PATENT-CLASS-324-173
US-PATENT-CLASS-324-207
US-PATENT-4,093,917
N78-32397* c 35 ..... NASA-CASE-LAR-11617-2
US-PATENT-APPL-SN-547072
US-PATENT-APPL-SN-668771
US-PATENT-CLASS-324-249
US-PATENT-4,088,954
N78-32447* c 38 ..... NASA-CASE-MFS-23114-1
US-PATENT-APPL-SN-686331
US-PATENT-CLASS-350-3.5
US-PATENT-CLASS-356-72
US-PATENT-CLASS-356-73
US-PATENT-CLASS-73-603
US-PATENT-4,093,382
N78-32539* c 44 ..... NASA-CASE-LAR-11208-1
US-PATENT-APPL-SN-710036
US-PATENT-CLASS-417-88
US-PATENT-CLASS-60-39.07
US-PATENT-CLASS-60-39.14
US-PATENT-CLASS-60-39.33
US-PATENT-CLASS-98-1.5
US-PATENT-4,091,613
N78-32542* c 44 ..... NASA-CASE-KSC-11034-1
US-PATENT-APPL-SN-782481
US-PATENT-CLASS-60-641
US-PATENT-CLASS-60-671
US-PATENT-4,087,975
N78-32720* c 54 ..... NASA-CASE-MSC-14805-1
US-PATENT-APPL-SN-688856
US-PATENT-CLASS-340-213R
US-PATENT-CLASS-340-262
US-PATENT-CLASS-340-279
US-PATENT-CLASS-340-285
US-PATENT-CLASS-340-309.1
US-PATENT-4,092,633
N78-32721* c 54 ..... NASA-CASE-ARC-11059-1
US-PATENT-APPL-SN-753978
US-PATENT-CLASS-128-142.7
US-PATENT-CLASS-62-259
US-PATENT-4,095,593
N78-32848* c 73 ..... NASA-CASE-GSC-12083-1
US-PATENT-APPL-SN-643897
US-PATENT-CLASS-350-170
US-PATENT-CLASS-350-173
US-PATENT-CLASS-350-174
US-PATENT-CLASS-350-286
US-PATENT-CLASS-350-320
US-PATENT-4,093,354
N78-32854* c 74 ..... NASA-CASE-ARC-11039-1
US-PATENT-APPL-SN-750655
US-PATENT-CLASS-351-166
US-PATENT-CLASS-427-164
US-PATENT-CLASS-427-302
US-PATENT-CLASS-427-322
US-PATENT-CLASS-427-38
US-PATENT-CLASS-427-387
US-PATENT-CLASS-427-41
US-PATENT-CLASS-427-44
US-PATENT-CLASS-428-412
US-PATENT-CLASS-428-447
US-PATENT-4,096,315
N78-33101* c 07 ..... NASA-CASE-LEW-12496-1
US-PATENT-APPL-SN-668971
US-PATENT-CLASS-29-463
US-PATENT-CLASS-416-214A
US-PATENT-CLASS-416-244A
US-PATENT-CLASS-74-572
US-PATENT-4,097,194
N78-33228* c 27 ..... NASA-CASE-NPO-08835-1
US-PATENT-APPL-SN-588721
US-PATENT-CLASS-260-28.5
US-PATENT-3,527,724
N78-33526* c 44 ..... NASA-CASE-NPO-13763-1
US-PATENT-APPL-SN-718268
US-PATENT-CLASS-123-DIG.12
US-PATENT-CLASS-123-1A
US-PATENT-CLASS-123-3
US-PATENT-4,112,875
N78-33913* c 74 ..... NASA-CASE-NPO-10233-1
US-PATENT-APPL-SN-716885
US-PATENT-CLASS-250-218
US-PATENT-CLASS-250-227
US-PATENT-CLASS-250-239
US-PATENT-CLASS-356-208
US-PATENT-3,573,470
N79-10057* c 07 ..... NASA-CASE-LEW-12232-1
US-PATENT-APPL-SN-776029
US-PATENT-CLASS-415-115
US-PATENT-CLASS-415-116
US-PATENT-CLASS-60-39.14
US-PATENT-4,117,669
N79-10162* c 25 ..... NASA-CASE-ARC-11053-1
US-PATENT-APPL-SN-814378
US-PATENT-CLASS-23-252R
US-PATENT-CLASS-423-581
US-PATENT-4,101,644
N79-10163* c 25 ..... NASA-CASE-NPO-13274-1
US-PATENT-APPL-SN-406296
US-PATENT-CLASS-204-180S
US-PATENT-CLASS-204-299
US-PATENT-3,932,262
N79-10262* c 32 ..... NASA-CASE-NPO-13941-1
US-PATENT-APPL-SN-774384
US-PATENT-CLASS-307-233R
US-PATENT-CLASS-324-77B
US-PATENT-CLASS-324-77C
US-PATENT-4,118,666
N79-10263* c 32 ..... NASA-CASE-MSC-12743-1
US-PATENT-APPL-SN-765167
US-PATENT-CLASS-325-41
US-PATENT-CLASS-340-146.1AX
US-PATENT-CLASS-340-146.1E
US-PATENT-4,100,531
N79-10264* c 32 ..... NASA-CASE-MFS-22234-1
US-PATENT-APPL-SN-730778
US-PATENT-CLASS-343-6R
US-PATENT-CLASS-343-9
US-PATENT-4,118,701
N79-10337* c 33 ..... NASA-CASE-KSC-11018-1
US-PATENT-APPL-SN-782693
US-PATENT-CLASS-324-133
US-PATENT-CLASS-324-72
US-PATENT-CLASS-324-96
US-PATENT-4,100,487
N79-10338* c 33 ..... NASA-CASE-GSC-12228-1
US-PATENT-APPL-SN-858764
US-PATENT-CLASS-324-57R
US-PATENT-CLASS-324-83D
US-PATENT-CLASS-324-85
US-PATENT-CLASS-328-163
US-PATENT-4,118,665
N79-10339* c 33 ..... NASA-CASE-LEW-12013-1
US-PATENT-APPL-SN-768795
US-PATENT-CLASS-301-82
US-PATENT-CLASS-315-3.5
US-PATENT-CLASS-315-3.6
US-PATENT-CLASS-330-43
US-PATENT-4,118,671
N79-10389* c 35 ..... NASA-CASE-MFS-23461-1
US-PATENT-APPL-SN-694406
US-PATENT-CLASS-250-475
US-PATENT-CLASS-252-301.1R
US-PATENT-CLASS-252-301.16
US-PATENT-CLASS-96-27R
US-PATENT-CLASS-96-60R
US-PATENT-4,101,780
N79-10390* c 35 ..... NASA-CASE-LAR-12260-1
US-PATENT-CLASS-73-579
US-PATENT-CLASS-73-589
US-PATENT-4,117,731
N79-10391* c 35 ..... NASA-CASE-NPO-13862-1
US-PATENT-APPL-SN-744577
US-PATENT-CLASS-324-77K
US-PATENT-CLASS-343-17.2PC
US-PATENT-CLASS-343-5CM
US-PATENT-CLASS-343-5W
US-PATENT-4,101,891
N79-10418* c 37 ..... NASA-CASE-LEW-12569-1
US-PATENT-APPL-SN-792069
US-PATENT-CLASS-308-DIG.1
US-PATENT-CLASS-308-121
US-PATENT-CLASS-308-160
US-PATENT-CLASS-308-163
US-PATENT-CLASS-308-172
US-PATENT-CLASS-308-5R
US-PATENT-CLASS-308-9
US-PATENT-4,099,799
N79-10419* c 37 ..... NASA-CASE-FRC-10111-1
US-PATENT-APPL-SN-713027
US-PATENT-CLASS-30-90.6
US-PATENT-CLASS-81-9.5R
US-PATENT-4,117,749
N79-10420* c 37 ..... NASA-CASE-NPO-14014-1
US-PATENT-APPL-SN-826204

US-PATENT-CLASS-138-96R
US-PATENT-CLASS-220-266
US-PATENT-CLASS-239-265.15
US-PATENT-CLASS-239-288
US-PATENT-CLASS-277-192
US-PATENT-4,146,180
N79-22475* c 37 ..... NASA-CASE-LEW-11873-1
US-PATENT-APPL-SN-814006
US-PATENT-CLASS-277-62
US-PATENT-CLASS-277-96.1
US-PATENT-4,145,058
N79-22537* c 39 ..... NASA-CASE-LAR-12027-1
US-PATENT-APPL-SN-889670
US-PATENT-CLASS-73-770
US-PATENT-CLASS-73-810
US-PATENT-4,145,933
N79-22679* c 46 ..... NASA-CASE-NPO-14112-1
US-PATENT-APPL-SN-826326
US-PATENT-CLASS-102-21.6
US-PATENT-CLASS-166-63
US-PATENT-CLASS-175-1
US-PATENT-CLASS-181-106
US-PATENT-CLASS-181-117
US-PATENT-4,148,375
N79-23097* c 08 ..... NASA-CASE-LAR-12215-1
US-PATENT-APPL-SN-858762
US-PATENT-CLASS-244-17.13
US-PATENT-CLASS-244-195
US-PATENT-CLASS-244-83G
US-PATENT-CLASS-318-585
US-PATENT-CLASS-318-616
US-PATENT-CLASS-364-434
US-PATENT-4,148,452
N79-23310* c 32 ..... NASA-CASE-KSC-11023-1
US-PATENT-APPL-SN-918533
US-PATENT-CLASS-179-1MN
US-PATENT-CLASS-179-27CA
US-PATENT-CLASS-179-84VF
US-PATENT-4,153,818
N79-23345* c 33 ..... NASA-CASE-FRC-10116-1
US-PATENT-APPL-SN-885049
US-PATENT-CLASS-323-22T
US-PATENT-4,151,456
N79-23481* c 44 ..... NASA-CASE-MFS-23349-1
US-PATENT-APPL-SN-823061
US-PATENT-CLASS-126-270
US-PATENT-CLASS-126-271
US-PATENT-4,148,295
N79-23555* c 46 ..... NASA-CASE-NPO-14255-1
US-PATENT-APPL-SN-830458
US-PATENT-CLASS-181-115
US-PATENT-CLASS-181-120
US-PATENT-CLASS-340-12R
US-PATENT-4,153,134
N79-23753* c 71 ..... NASA-CASE-NPO-14134-1
US-PATENT-APPL-SN-861392
US-PATENT-CLASS-179-1DM
US-PATENT-CLASS-179-1MF
US-PATENT-CLASS-181-148
US-PATENT-CLASS-340-8LF
US-PATENT-4,149,034
N79-23798* c 76 ..... NASA-CASE-NPO-13969-1
US-PATENT-APPL-SN-820499
US-PATENT-CLASS-156-DIG.6-8
US-PATENT-CLASS-156-617SP
US-PATENT-CLASS-423-345
US-PATENT-4,152,194
N79-24062* c 24 ..... NASA-CASE-ARC-11169-1
US-PATENT-APPL-SN-940688
US-PATENT-CLASS-428-366
US-PATENT-4,148,962
N79-24073* c 25 ..... NASA-CASE-LAR-11922-1
US-PATENT-APPL-SN-856460
US-PATENT-CLASS-195-127
US-PATENT-CLASS-204-195B
US-PATENT-4,149,938
N79-24203* c 32 ..... NASA-CASE-LAR-12375-1
US-PATENT-APPL-SN-900842
US-PATENT-CLASS-73-647
US-PATENT-CLASS-73-724
US-PATENT-4,149,423
N79-24210* c 32 ..... NASA-CASE-NPO-13641-1
US-PATENT-APPL-SN-777983
US-PATENT-CLASS-343-100TD
US-PATENT-4,148,031
N79-24254* c 33 ..... NASA-CASE-NPO-14000-1
US-PATENT-APPL-SN-876431
US-PATENT-CLASS-307-82
US-PATENT-CLASS-363-56
US-PATENT-CLASS-363-71
US-PATENT-CLASS-363-97
US-PATENT-4,150,425
N79-24257* c 33 ..... NASA-CASE-NPO-14056-1
US-PATENT-APPL-SN-833637
US-PATENT-CLASS-363-134
US-PATENT-CLASS-363-71
US-PATENT-CLASS-363-95
US-PATENT-4,149,233
N79-24285* c 34 ..... NASA-CASE-MSC-16841-1
US-PATENT-APPL-SN-893382
US-PATENT-CLASS-210-108
US-PATENT-CLASS-210-142
US-PATENT-CLASS-73-714
US-PATENT-4,151,086
N79-24431* c 44 ..... NASA-CASE-NPO-13652-2
US-PATENT-APPL-SN-848794
US-PATENT-CLASS-228-5.1
US-PATENT-CLASS-228-6
US-PATENT-CLASS-29-57-4
US-PATENT-CLASS-29-572
US-PATENT-CLASS-29-739
US-PATENT-CLASS-29-809
US-PATENT-4,149,665
N79-24432* c 44 ..... NASA-CASE-NPO-13579-3
US-PATENT-APPL-SN-762363
US-PATENT-CLASS-126-270
US-PATENT-CLASS-264-1
US-PATENT-CLASS-264-33
US-PATENT-CLASS-264-34
US-PATENT-CLASS-264-35
US-PATENT-CLASS-264-510
US-PATENT-CLASS-264-516
US-PATENT-CLASS-264-70
US-PATENT-CLASS-264-71
US-PATENT-CLASS-350-292
US-PATENT-CLASS-350-294
US-PATENT-CLASS-350-296
US-PATENT-CLASS-405-229
US-PATENT-CLASS-405-263
US-PATENT-4,149,817
N79-24433* c 44 ..... NASA-CASE-NPO-13579-2
US-PATENT-APPL-SN-762362
US-PATENT-CLASS-126-271
US-PATENT-CLASS-126-400
US-PATENT-CLASS-237-1A
US-PATENT-CLASS-350-288
US-PATENT-CLASS-350-299
US-PATENT-4,149,521
N79-24651* c 54 ..... NASA-CASE-ARC-11058-2
US-PATENT-APPL-SN-753965
US-PATENT-APPL-SN-883094
US-PATENT-CLASS-2-2.1A
US-PATENT-CLASS-285-235
US-PATENT-4,091,464
US-PATENT-4,151,612
N79-24652* c 54 ..... NASA-CASE-NPO-13906-1
US-PATENT-APPL-SN-837259
US-PATENT-CLASS-3-1.1
US-PATENT-CLASS-3-12.5
US-PATENT-CLASS-414-6
US-PATENT-4,149,278
N79-24976* c 05 ..... NASA-CASE-LEW-11890-1
US-PATENT-APPL-SN-891244
US-PATENT-CLASS-137-15.1
US-PATENT-CLASS-244-53B
US-PATENT-4,154,256
N79-25142* c 24 ..... NASA-CASE-MSC-12737-1
US-PATENT-APPL-SN-788045
US-PATENT-CLASS-102-105
US-PATENT-CLASS-244-121
US-PATENT-CLASS-244-163
US-PATENT-CLASS-427-350
US-PATENT-CLASS-427-372A
US-PATENT-CLASS-428-137
US-PATENT-CLASS-428-282
US-PATENT-CLASS-428-290
US-PATENT-CLASS-428-332
US-PATENT-CLASS-428-447
US-PATENT-CLASS-428-920
US-PATENT-4,151,800
N79-25143* c 24 ..... NASA-CASE-GSC-11577-3
US-PATENT-APPL-SN-322997
US-PATENT-APPL-SN-506803
US-PATENT-APPL-SN-645502
US-PATENT-CLASS-156-89
US-PATENT-CLASS-220-2.2
US-PATENT-CLASS-65-43
US-PATENT-3,859,714
US-PATENT-4,155,475
N79-25443* c 43 ..... NASA-CASE-MFS-23720-3
US-PATENT-APPL-SN-848420
US-PATENT-CLASS-73-12
US-PATENT-CLASS-73-82
US-PATENT-4,154,084
N79-25481* c 44 ..... NASA-CASE-LEW-12972-1
US-PATENT-APPL-SN-897829
US-PATENT-CLASS-429-253
US-PATENT-CLASS-526-7
US-PATENT-CLASS-526-9
US-PATENT-4,154,912
N79-25482* c 44 ..... NASA-CASE-NPO-14199-1
NASA-CASE-NPO-14200-1
US-PATENT-APPL-SN-891243
US-PATENT-CLASS-136-89CA
US-PATENT-CLASS-136-89CC
US-PATENT-CLASS-136-89PC
US-PATENT-CLASS-136-89SJ
US-PATENT-4,153,476
N79-26075* c 12 ..... NASA-CASE-MFS-23460-1
US-PATENT-APPL-SN-746578
US-PATENT-CLASS-13-20
US-PATENT-CLASS-13-22
US-PATENT-CLASS-13-24
US-PATENT-CLASS-219-410
US-PATENT-4,158,742
N79-26100* c 15 ..... NASA-CASE-ARC-11104-1
US-PATENT-APPL-SN-854920
US-PATENT-CLASS-244-121
US-PATENT-CLASS-260-37EP
US-PATENT-CLASS-260-830S
US-PATENT-CLASS-264-102
US-PATENT-CLASS-264-145
US-PATENT-CLASS-264-151
US-PATENT-CLASS-264-175
US-PATENT-CLASS-264-236
US-PATENT-CLASS-428-220
US-PATENT-CLASS-428-413
US-PATENT-CLASS-428-414
US-PATENT-CLASS-428-418
US-PATENT-CLASS-428-421
US-PATENT-CLASS-428-920
US-PATENT-4,156,752
N79-26372* c 35 ..... NASA-CASE-LAR-11889-1
US-PATENT-APPL-SN-662182
US-PATENT-CLASS-308-10
US-PATENT-CLASS-73-178R
US-PATENT-4,156,548
N79-26439* c 43 ..... NASA-CASE-MFS-23726-1
US-PATENT-APPL-SN-848418
US-PATENT-CLASS-105-161
US-PATENT-CLASS-299-1
US-PATENT-CLASS-33-1N
US-PATENT-CLASS-33-1Q
US-PATENT-CLASS-33-174L
US-PATENT-CLASS-364-560
US-PATENT-4,156,971
N79-26474* c 44 ..... NASA-CASE-LEW-13150-1
US-PATENT-APPL-SN-914260
US-PATENT-CLASS-429-101
US-PATENT-CLASS-429-15
US-PATENT-4,159,366
N79-26475* c 44 ..... NASA-CASE-MFS-23540-1
US-PATENT-APPL-SN-863773
US-PATENT-CLASS-29-572
US-PATENT-CLASS-29-577
US-PATENT-CLASS-29-578
US-PATENT-CLASS-29-580
US-PATENT-CLASS-357-45
US-PATENT-4,156,309
N79-26771* c 52 ..... NASA-CASE-ARC-10994-2
US-PATENT-APPL-SN-759965
US-PATENT-CLASS-128-660
US-PATENT-CLASS-73-626
US-PATENT-4,154,230
N79-26772* c 52 ..... NASA-CASE-KSC-11069-1
US-PATENT-APPL-SN-876438
US-PATENT-CLASS-3-1.9
US-PATENT-CLASS-3-12
US-PATENT-CLASS-3-2
US-PATENT-4,158,895
N79-27836* c 52 ..... NASA-CASE-NPO-13910-1
US-PATENT-APPL-SN-712270
US-PATENT-CLASS-128-329R
US-PATENT-CLASS-128-639
US-PATENT-4,154,228
N79-28253* c 25 ..... NASA-CASE-NPO-13650-1
US-PATENT-APPL-SN-704468
US-PATENT-CLASS-118-49
US-PATENT-CLASS-23-252R
US-PATENT-CLASS-248
US-PATENT-CLASS-253
US-PATENT-CLASS-337
US-PATENT-CLASS-349
US-PATENT-CLASS-423-33-5
US-PATENT-CLASS-427-95
US-PATENT-4,033,286
N79-28307* c 27 ..... NASA-CASE-LEW-12053-2
US-PATENT-APPL-SN-796263
US-PATENT-CLASS-260-37N
US-PATENT-CLASS-260-42
US-PATENT-CLASS-260-53
US-PATENT-CLASS-528-126
US-PATENT-CLASS-528-127
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-221
US-PATENT-CLASS-528-223
US-PATENT-CLASS-528-225
US-PATENT-CLASS-528-227

US-PATENT-CLASS-136-89P
US-PATENT-CLASS-29-572
US-PATENT-CLASS-29-588
US-PATENT-CLASS-29-627
US-PATENT-4,133,697
US-PATENT-4,173,820

N80-14579* c 45 ..... NASA-CASE-NPO-14340-1
US-PATENT-APPL-SN-946992
US-PATENT-CLASS-210-57
US-PATENT-CLASS-210-63Z
US-PATENT-CLASS-422-9
US-PATENT-4,172,786

N80-14603* c 46 ..... NASA-CASE-NPO-14124-1
US-PATENT-APPL-SN-863024
US-PATENT-CLASS-343-100ME
US-PATENT-CLASS-343-112D
US-PATENT-4,170,776

N80-14684* c 52 ..... NASA-CASE-LEW-12955-1
US-PATENT-APPL-SN-829318
US-PATENT-CLASS-128-276
US-PATENT-4,157,718

N80-14687* c 52 ..... NASA-CASE-NPO-14101-1
US-PATENT-APPL-SN-772434
US-PATENT-CLASS-210-22
US-PATENT-CLASS-210-321B
US-PATENT-4,094,775

N80-14877* c 72 ..... NASA-CASE-NPO-14078-1
US-PATENT-APPL-SN-856466
US-PATENT-CLASS-250-281
US-PATENT-CLASS-250-282
US-PATENT-CLASS-250-423P
US-PATENT-4,158,775

N80-16116* c 25 ..... NASA-CASE-ARC-11107-1
US-PATENT-APPL-SN-883961
US-PATENT-CLASS-521-124
US-PATENT-CLASS-521-125
US-PATENT-CLASS-521-127
US-PATENT-CLASS-521-157
US-PATENT-CLASS-528-73
US-PATENT-4,177,333

N80-16158* c 27 ..... NASA-CASE-LAR-12099-1
US-PATENT-APPL-SN-906299
US-PATENT-CLASS-528-207
US-PATENT-CLASS-528-208
US-PATENT-4,180,648

N80-16163*# c 27 ..... NASA-CASE-NPO-14021-2
US-PATENT-APPL-SN-106188

N80-16261*# c 32 ..... NASA-CASE-NPO-14362-1
US-PATENT-APPL-SN-106118

N80-16321* c 36 ..... NASA-CASE-LAR-12176-1
US-PATENT-APPL-SN-929083
US-PATENT-CLASS-332-751
US-PATENT-CLASS-350-359
US-PATENT-CLASS-356-243
US-PATENT-CLASS-356-28
US-PATENT-4,176,950

N80-16452* c 44 ..... NASA-CASE-MFS-23518-3
US-PATENT-APPL-SN-829390
US-PATENT-APPL-SN-910793
US-PATENT-CLASS-126-417
US-PATENT-CLASS-126-901
US-PATENT-CLASS-428-629
US-PATENT-CLASS-428-650
US-PATENT-CLASS-428-658
US-PATENT-CLASS-428-675
US-PATENT-CLASS-428-680
US-PATENT-4,104,134
US-PATENT-4,177,325

N80-16714* c 51 ..... NASA-CASE-MSC-16260-1
US-PATENT-APPL-SN-876440
US-PATENT-CLASS-23-927
US-PATENT-CLASS-422-52
US-PATENT-CLASS-435-34
US-PATENT-4,176,007

N80-16715* c 51 ..... NASA-CASE-MFS-23883-1
US-PATENT-APPL-SN-017888
US-PATENT-CLASS-204-180R
US-PATENT-CLASS-204-299R
US-PATENT-CLASS-424-12
US-PATENT-4,181,589

N80-16725* c 52 ..... NASA-CASE-NPO-14092-1
US-PATENT-APPL-SN-807597
US-PATENT-CLASS-128-DIG.9
US-PATENT-CLASS-128-348
US-PATENT-CLASS-128-6
US-PATENT-CLASS-138-103
US-PATENT-CLASS-138-133
US-PATENT-CLASS-138-33
US-PATENT-CLASS-219-201
US-PATENT-CLASS-219-522
US-PATENT-4,176,662

N80-18036* c 06 ..... NASA-CASE-FRC-11009-1
US-PATENT-APPL-SN-910708
US-PATENT-CLASS-340-177VA
US-PATENT-CLASS-73-188
US-PATENT-CLASS-73-189
US-PATENT-CLASS-73-212
US-PATENT-4,184,149

N80-18039* c 07 ..... NASA-CASE-LEW-12971-1
US-PATENT-APPL-SN-858936
US-PATENT-CLASS-60-240
US-PATENT-CLASS-60-39.03
US-PATENT-CLASS-60-39.27
US-PATENT-4,184,327

N80-18097* c 20 ..... NASA-CASE-MSC-18179-1
US-PATENT-APPL-SN-931218
US-PATENT-CLASS-60-632
US-PATENT-4,183,217

N80-18231* c 31 ..... NASA-CASE-NPO-14382-1
US-PATENT-APPL-SN-891373
US-PATENT-CLASS-261-118
US-PATENT-CLASS-422-224
US-PATENT-CLASS-423-350
US-PATENT-4,188,368

N80-18252* c 32 ..... NASA-CASE-NPO-14152-1
US-PATENT-APPL-SN-899828
US-PATENT-CLASS-178-58R
US-PATENT-CLASS-179-15BA
US-PATENT-4,187,394

N80-18253* c 32 ..... NASA-CASE-NPO-14328-1
NASA-CASE-NPO-14579-1
NASA-CASE-NPO-14590-1
US-PATENT-APPL-SN-956160
US-PATENT-CLASS-325-305
US-PATENT-CLASS-325-307
US-PATENT-CLASS-325-419
US-PATENT-4,186,347

N80-18285* c 33 ..... NASA-CASE-NPO-14229-1
US-PATENT-APPL-SN-835419
US-PATENT-APPL-SN-949886
US-PATENT-CLASS-200-153S
US-PATENT-CLASS-200-304
US-PATENT-CLASS-333-262
US-PATENT-4,187,416

N80-18286* c 33 ..... NASA-CASE-GSC-12347-1
US-PATENT-APPL-SN-868249
US-PATENT-CLASS-174-142
US-PATENT-CLASS-174-73R
US-PATENT-4,185,164

N80-18287* c 33 ..... NASA-CASE-NPO-14224-1
US-PATENT-APPL-SN-951829
US-PATENT-CLASS-310-306
US-PATENT-CLASS-343-100R
US-PATENT-CLASS-343-100ST
US-PATENT-4,187,506

N80-18357* c 35 ..... NASA-CASE-NPO-14501-1
US-PATENT-APPL-SN-918535
US-PATENT-CLASS-264-40.4
US-PATENT-CLASS-73-343R
US-PATENT-CLASS-73-56
US-PATENT-4,185,493

N80-18358* c 35 ..... NASA-CASE-LAR-12269-1
US-PATENT-APPL-SN-934576
US-PATENT-CLASS-73-4R
US-PATENT-CLASS-73-40
US-PATENT-4,182,158

N80-18359* c 35 ..... NASA-CASE-GSC-12219-1
US-PATENT-APPL-SN-891356
US-PATENT-CLASS-325-363
US-PATENT-CLASS-343-100ME
US-PATENT-CLASS-356-216
US-PATENT-CLASS-73-355R
US-PATENT-4,178,100

N80-18364*# c 35 ..... NASA-CASE-NPO-13606-2
US-PATENT-APPL-SN-065676

N80-18372* c 36 ..... NASA-CASE-NPO-14254-1
US-PATENT-APPL-SN-876432
US-PATENT-CLASS-330-4
US-PATENT-CLASS-331-94
US-PATENT-CLASS-333-24R
US-PATENT-4,187,470

N80-18393* c 37 ..... NASA-CASE-ARC-11157-1
US-PATENT-APPL-SN-935827
US-PATENT-CLASS-220-423
US-PATENT-CLASS-220-445
US-PATENT-CLASS-220-901
US-PATENT-4,184,609

N80-18400*# c 37 ..... NASA-CASE-NPO-12131-3
US-PATENT-APPL-SN-096255

N80-18498* c 43 ..... NASA-CASE-LAR-12344-1
US-PATENT-APPL-SN-945041
US-PATENT-CLASS-343-18B
US-PATENT-CLASS-343-18D
US-PATENT-CLASS-343-5CM
US-PATENT-CLASS-343-5W
US-PATENT-4,184,155

N80-18550* c 44 ..... NASA-CASE-NPO-14303-1
NASA-CASE-NPO-14305-1
US-PATENT-APPL-SN-928133
US-PATENT-CLASS-156-104
US-PATENT-CLASS-156-278
US-PATENT-CLASS-156-285
US-PATENT-CLASS-156-303
US-PATENT-CLASS-156-312
US-PATENT-4,184,903

N80-18551* c 44 ..... NASA-CASE-NPO-14096-1
US-PATENT-APPL-SN-928128
US-PATENT-CLASS-324-158D
US-PATENT-CLASS-324-404
US-PATENT-4,184,111

N80-18552* c 44 ..... NASA-CASE-LAR-11999-1
US-PATENT-APPL-SN-876299
US-PATENT-CLASS-250-211K
US-PATENT-CLASS-250-231SE
US-PATENT-4,184,072

N80-18667* c 48 ..... NASA-CASE-MFS-23862-1
US-PATENT-APPL-SN-951423
US-PATENT-CLASS-73-170A
US-PATENT-4,184,368

N80-18690* c 52 ..... NASA-CASE-LEW-12723-1
US-PATENT-APPL-SN-829317
US-PATENT-CLASS-128-276
US-PATENT-CLASS-128-760
US-PATENT-4,184,491

N80-18691* c 52 ..... NASA-CASE-ARC-11120-1
US-PATENT-APPL-SN-796256
US-PATENT-CLASS-128-748
US-PATENT-CLASS-128-903
US-PATENT-CLASS-73-724
US-PATENT-4,186,749

N80-18951* c 76 ..... NASA-CASE-GSC-12291-1
US-PATENT-APPL-SN-906298
US-PATENT-CLASS-125-23R
US-PATENT-CLASS-269-21
US-PATENT-CLASS-51-235
US-PATENT-CLASS-83-152
US-PATENT-CLASS-83-870
US-PATENT-4,184,472

N80-20224* c 02 ..... NASA-CASE-LAR-12261-1
US-PATENT-APPL-SN-964009
US-PATENT-CLASS-73-147
US-PATENT-CLASS-73-205L
US-PATENT-4,188,823

N80-20334* c 25 ..... NASA-CASE-NPO-14079-1
US-PATENT-APPL-SN-958573
US-PATENT-CLASS-250-307
US-PATENT-CLASS-250-308
US-PATENT-4,194,115

N80-20402* c 28 ..... NASA-CASE-LEW-12081-2
US-PATENT-APPL-SN-676432
US-PATENT-APPL-SN-837794
US-PATENT-CLASS-149-1
US-PATENT-CLASS-423-648R
US-PATENT-4,193,827

N80-20448* c 32 ..... NASA-CASE-NPO-14480-1
US-PATENT-APPL-SN-910707
US-PATENT-CLASS-325-14
US-PATENT-CLASS-325-4
US-PATENT-CLASS-325-8
US-PATENT-CLASS-325-9
US-PATENT-4,189,675

N80-20487* c 33 ..... NASA-CASE-LEW-13148-1
US-PATENT-APPL-SN-964754
US-PATENT-CLASS-429-101
US-PATENT-CLASS-429-105
US-PATENT-CLASS-429-107
US-PATENT-CLASS-429-109
US-PATENT-4,192,910

N80-20559* c 35 ..... NASA-CASE-LAR-12304-1
US-PATENT-APPL-SN-928130
US-PATENT-CLASS-29-25.35
US-PATENT-CLASS-310-311
US-PATENT-CLASS-310-327
US-PATENT-CLASS-310-334
US-PATENT-CLASS-310-360
US-PATENT-4,195,244

N80-20560* c 35 ..... NASA-CASE-FRC-10093-1
US-PATENT-APPL-SN-878539
US-PATENT-CLASS-219-85CA
US-PATENT-CLASS-219-85CM
US-PATENT-CLASS-219-85R
US-PATENT-CLASS-338-2
US-PATENT-4,195,279

N80-20563* c 35 ..... NASA-CASE-NPO-14093-1
US-PATENT-APPL-SN-880729
US-PATENT-CLASS-356-346
US-PATENT-4,193,693

N80-20808* c 44 ..... NASA-CASE-NPO-14237-1
US-PATENT-APPL-SN-897831
US-PATENT-CLASS-126-263
US-PATENT-CLASS-149-15
US-PATENT-CLASS-149-37
US-PATENT-CLASS-220-429
US-PATENT-4,193,388

N80-20810* c 44 ..... NASA-CASE-LAR-12205-1
US-PATENT-APPL-SN-900843
US-PATENT-CLASS-126-419
US-PATENT-CLASS-126-434

US-PATENT-APPL-SN-172098
N80-29703* c 37 ..... NASA-CASE-NPO-14406-1
US-PATENT-APPL-SN-951828
US-PATENT-CLASS-125-21
US-PATENT-CLASS-83-820
US-PATENT-4,191,159
N80-29834* c 44 ..... NASA-CASE-LAR-11551-1
US-PATENT-APPL-SN-883090
US-PATENT-CLASS-290-53
US-PATENT-CLASS-310-30
US-PATENT-4,191,893
N80-29835* c 44 ..... NASA-CASE-NPO-13786-1
US-PATENT-APPL-SN-696374
US-PATENT-CLASS-148-1.5
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-52
US-PATENT-CLASS-357-91
US-PATENT-4,090,213
N80-31790* c 37 ..... NASA-CASE-LEW-12274-1
US-PATENT-APPL-SN-950876
US-PATENT-CLASS-417-383
US-PATENT-CLASS-60-520
US-PATENT-4,215,548
N80-32244* c 76 ..... NASA-CASE-NPO-14298-1
US-PATENT-APPL-SN-938579
US-PATENT-CLASS-156-DIG.96
US-PATENT-CLASS-422-246
US-PATENT-4,216,186
N80-32245* c 76 ..... NASA-CASE-NPO-14295-1
US-PATENT-APPL-SN-901055
US-PATENT-CLASS-156-DIG.64
US-PATENT-CLASS-156-DIG.88
US-PATENT-CLASS-156-601
US-PATENT-CLASS-156-617SP
US-PATENT-4,217,165
N80-32359* c 04 ..... NASA-CASE-NPO-14173-1
US-PATENT-APPL-SN-938581
US-PATENT-CLASS-343-112R
US-PATENT-4,215,345
N80-32392* c 07 ..... NASA-CASE-ARC-10977-1
US-PATENT-APPL-SN-023436
US-PATENT-CLASS-239-127.3
US-PATENT-CLASS-239-265.33
US-PATENT-CLASS-60-264
US-PATENT-4,214,703
N80-32484* c 26 ..... NASA-CASE-LEW-12542-3
US-PATENT-APPL-SN-007083
US-PATENT-APPL-SN-803822
US-PATENT-CLASS-75-124
US-PATENT-4,214,902
N80-32514* c 27 ..... NASA-CASE-NPO-13137-1
US-PATENT-APPL-SN-332123
US-PATENT-APPL-SN-374810
US-PATENT-CLASS-568-852
US-PATENT-CLASS-568-861
US-PATENT-4,118,427
N80-32515* c 27 ..... NASA-CASE-NPO-13899-1
US-PATENT-APPL-SN-761252
US-PATENT-APPL-SN-933186
US-PATENT-CLASS-260-346.3
US-PATENT-4,196,129
N80-32516* c 27 ..... NASA-CASE-LEW-13103-1
US-PATENT-APPL-SN-971596
US-PATENT-CLASS-156-272
US-PATENT-CLASS-156-292
US-PATENT-CLASS-204-159.11
US-PATENT-CLASS-204-159.14
US-PATENT-CLASS-264-212
US-PATENT-CLASS-264-22
US-PATENT-CLASS-427-44
US-PATENT-CLASS-428-500
US-PATENT-CLASS-429-139
US-PATENT-4,218,280
N80-32583* c 31 ..... NASA-CASE-GSC-12191-1
US-PATENT-APPL-SN-009886
US-PATENT-CLASS-165-16
US-PATENT-CLASS-236-13
US-PATENT-CLASS-236-44C
US-PATENT-CLASS-236-49
US-PATENT-4,210,278
N80-32584* c 31 ..... NASA-CASE-NPO-14191-1
US-PATENT-APPL-SN-830846
US-PATENT-CLASS-181-102
US-PATENT-CLASS-367-27
US-PATENT-CLASS-367-36
US-PATENT-CLASS-367-57
US-PATENT-4,214,226
N80-32604* c 32 ..... NASA-CASE-MSC-18334-1
US-PATENT-APPL-SN-051270
US-PATENT-CLASS-343-700MS
US-PATENT-CLASS-343-830
US-PATENT-4,218,682
N80-32605* c 32 ..... NASA-CASE-NPO-14253-1
NASA-CASE-NPO-14640-1
US-PATENT-APPL-SN-938293
US-PATENT-CLASS-333-12
US-PATENT-CLASS-333-252
US-PATENT-CLASS-333-99S
US-PATENT-4,215,327
N80-32650* c 33 ..... NASA-CASE-NPO-14424-1
NASA-CASE-NPO-14430-1
US-PATENT-APPL-SN-918534
US-PATENT-CLASS-324-62
US-PATENT-CLASS-324-64
US-PATENT-4,218,650
N80-32716* c 37 ..... NASA-CASE-MFS-23777-1
US-PATENT-APPL-SN-931217
US-PATENT-CLASS-318-15
US-PATENT-CLASS-74-425
US-PATENT-CLASS-74-661
US-PATENT-CLASS-74-665C
US-PATENT-4,215,592
N80-32717* c 37 ..... NASA-CASE-GSC-12289-1
US-PATENT-APPL-SN-943086
US-PATENT-CLASS-198-847
US-PATENT-CLASS-198-848
US-PATENT-CLASS-474-205
US-PATENT-4,215,590
N80-33081*# c 52 ..... NASA-CASE-ARC-11258-1
US-PATENT-APPL-SN-185865
N80-33186* c 72 ..... NASA-CASE-LEW-12940-1
US-PATENT-APPL-SN-953391
US-PATENT-CLASS-313-231.4
US-PATENT-CLASS-313-362
US-PATENT-4,218,633
N80-33210* c 74 ..... NASA-CASE-MSC-18255-1
US-PATENT-APPL-SN-025163
US-PATENT-CLASS-250-347
US-PATENT-CLASS-250-352
US-PATENT-CLASS-250-353
US-PATENT-CLASS-350-55
US-PATENT-CLASS-356-72
US-PATENT-4,215,273
N80-33482* c 24 ..... NASA-CASE-LEW-11930-3
US-PATENT-APPL-SN-513611
US-PATENT-APPL-SN-616528
US-PATENT-APPL-SN-764245
US-PATENT-CLASS-75-200
US-PATENT-CLASS-75-222
US-PATENT-4,214,905
N81-12330*# c 33 ..... NASA-CASE-MFS-25535-1
US-PATENT-APPL-SN-199765
N81-12542* c 44 ..... NASA-CASE-LEW-12606-2
US-PATENT-APPL-SN-065676
US-PATENT-APPL-SN-915050
US-PATENT-CLASS-136-249
US-PATENT-CLASS-136-291
US-PATENT-CLASS-363-147
US-PATENT-CLASS-363-27
US-PATENT-CLASS-363-60
US-PATENT-4,217,633
N81-13999* c 24 ..... NASA-CASE-ARC-11174-1
US-PATENT-APPL-SN-929086
US-PATENT-CLASS-260-17.2
US-PATENT-CLASS-428-114
US-PATENT-CLASS-428-528
US-PATENT-CLASS-428-541
US-PATENT-CLASS-428-921
US-PATENT-4,209,561
N81-14000* c 24 ..... NASA-CASE-LAR-12065-1
US-PATENT-APPL-SN-889671
US-PATENT-CLASS-156-330
US-PATENT-CLASS-428-113
US-PATENT-CLASS-428-114
US-PATENT-CLASS-428-140
US-PATENT-CLASS-428-413
US-PATENT-CLASS-428-480
US-PATENT-CLASS-428-902
US-PATENT-4,229,473
N81-14015* c 25 ..... NASA-CASE-NPO-14143-1
US-PATENT-APPL-SN-938297
US-PATENT-CLASS-250-343
US-PATENT-CLASS-356-437
US-PATENT-4,234,258
N81-14016* c 25 ..... NASA-CASE-ARC-11241-1
US-PATENT-APPL-SN-037066
US-PATENT-CLASS-260-33.8F
US-PATENT-CLASS-528-362
US-PATENT-CLASS-528-401
US-PATENT-CLASS-528-422
US-PATENT-4,234,715
N81-14076* c 27 ..... NASA-CASE-NPO-14001-1
US-PATENT-APPL-SN-771245
US-PATENT-CLASS-210-24R
US-PATENT-CLASS-260-17A
US-PATENT-CLASS-260-2.1E
US-PATENT-CLASS-260-858
US-PATENT-CLASS-260-886
US-PATENT-CLASS-260-8900
US-PATENT-CLASS-260-895
US-PATENT-CLASS-260-898
US-PATENT-CLASS-260-901
US-PATENT-CLASS-521-27
US-PATENT-CLASS-521-32
US-PATENT-CLASS-521-62
US-PATENT-4,119,581
N81-14077* c 27 ..... NASA-CASE-MSC-12631-3
US-PATENT-APPL-SN-006952
US-PATENT-APPL-SN-568541
US-PATENT-APPL-SN-785279
US-PATENT-CLASS-156-154
US-PATENT-CLASS-156-160
US-PATENT-CLASS-156-163
US-PATENT-CLASS-156-212
US-PATENT-CLASS-156-267
US-PATENT-CLASS-156-295
US-PATENT-CLASS-156-323
US-PATENT-CLASS-156-331
US-PATENT-4,032,089
US-PATENT-4,225,372
N81-14078* c 27 ..... NASA-CASE-LAR-12054-2
US-PATENT-APPL-SN-011737
US-PATENT-APPL-SN-839963
US-PATENT-CLASS-264-137
US-PATENT-CLASS-427-385.5
US-PATENT-CLASS-427-429
US-PATENT-CLASS-428-473.5
US-PATENT-4,166,170
US-PATENT-4,233,258
N81-14103* c 28 ..... NASA-CASE-LEW-12081-3
US-PATENT-APPL-SN-009887
US-PATENT-APPL-SN-676432
US-PATENT-APPL-SN-837794
US-PATENT-CLASS-149-1
US-PATENT-CLASS-156-344
US-PATENT-CLASS-423-648R
US-PATENT-CLASS-44-7R
US-PATENT-CLASS-55-2
US-PATENT-CLASS-62-12
US-PATENT-CLASS-62-18
US-PATENT-CLASS-62-40
US-PATENT-CLASS-62-47
US-PATENT-4,077,788
US-PATENT-4,193,827
US-PATENT-4,229,196
N81-14137* c 31 ..... NASA-CASE-KSC-11064-1
US-PATENT-APPL-SN-897840
US-PATENT-CLASS-169-62
US-PATENT-CLASS-169-70
US-PATENT-4,219,084
N81-14185* c 32 ..... NASA-CASE-NPO-14536-1
US-PATENT-APPL-SN-974471
US-PATENT-CLASS-343-100TD
US-PATENT-4,233,606
N81-14186* c 32 ..... NASA-CASE-NPO-14749-1
US-PATENT-APPL-SN-078521
US-PATENT-CLASS-375-107
US-PATENT-CLASS-455-51
US-PATENT-CLASS-455-619
US-PATENT-CLASS-455-71
US-PATENT-4,234,971
N81-14187* c 32 ..... NASA-CASE-MSC-16800-1
US-PATENT-APPL-SN-953313
US-PATENT-CLASS-343-727
US-PATENT-CLASS-343-789
US-PATENT-CLASS-343-797
US-PATENT-4,218,685
N81-14220* c 33 ..... NASA-CASE-NPO-14163-1
US-PATENT-APPL-SN-878541
US-PATENT-CLASS-363-56
US-PATENT-CLASS-363-71
US-PATENT-CLASS-363-78
US-PATENT-4,222,098
N81-14221* c 33 ..... NASA-CASE-GSC-12411-1
US-PATENT-APPL-SN-965367
US-PATENT-CLASS-340-309.4
US-PATENT-CLASS-340-310A
US-PATENT-CLASS-340-310R
US-PATENT-CLASS-340-870.24
US-PATENT-CLASS-368-47
US-PATENT-CLASS-370-85
US-PATENT-4,228,422
N81-14287* c 35 ..... NASA-CASE-NPO-14513-1
US-PATENT-APPL-SN-025162
US-PATENT-CLASS-165-105
US-PATENT-CLASS-62-514R
US-PATENT-4,218,892
N81-14317* c 37 ..... NASA-CASE-MSC-16973-1
US-PATENT-APPL-SN-969756
US-PATENT-CLASS-150-11
US-PATENT-CLASS-156-294
US-PATENT-CLASS-52-232
US-PATENT-CLASS-52-743
US-PATENT-4,235,060
N81-14318* c 37 ..... NASA-CASE-NPO-14220-1
US-PATENT-APPL-SN-907421
US-PATENT-CLASS-60-518
US-PATENT-CLASS-74-417

US-PATENT-CLASS-427-379
US-PATENT-CLASS-528-353
US-PATENT-4,244,853

N81-19343* c 31 ..... NASA-CASE-GSC-12513-1
US-PATENT-APPL-SN-053571
US-PATENT-CLASS-109-49.5
US-PATENT-CLASS-109-58.5
US-PATENT-CLASS-220-82R
US-PATENT-CLASS-220-89A
US-PATENT-CLASS-49-171
US-PATENT-4,245,566

N81-19389* c 33 ..... NASA-CASE-NPO-14297-1
US-PATENT-APPL-SN-938299
US-PATENT-CLASS-156-DIG.96
US-PATENT-CLASS-156-608
US-PATENT-CLASS-219-10.49R
US-PATENT-CLASS-219-10.67
US-PATENT-CLASS-422-246
US-PATENT-CLASS-422-249
US-PATENT-CLASS-432-264
US-PATENT-4,242,553

N81-19392* c 33 ..... NASA-CASE-GSC-12360-1
US-PATENT-APPL-SN-041164
US-PATENT-CLASS-363-101
US-PATENT-CLASS-363-21
US-PATENT-4,245,286

N81-19393* c 33 ..... NASA-CASE-NPO-14505-1
US-PATENT-APPL-SN-956166
US-PATENT-CLASS-363-21
US-PATENT-CLASS-363-36
US-PATENT-CLASS-363-40
US-PATENT-CLASS-363-47
US-PATENT-4,245,288

N81-19426* c 35 ..... NASA-CASE-MFS-23923-1
US-PATENT-APPL-SN-053569
US-PATENT-CLASS-73-190R
US-PATENT-4,248,083

N81-19427* c 35 ..... NASA-CASE-MSC-16370-1
US-PATENT-APPL-SN-061556
US-PATENT-CLASS-329-107
US-PATENT-CLASS-329-50
US-PATENT-CLASS-375-1
US-PATENT-CLASS-375-104
US-PATENT-CLASS-375-34
US-PATENT-CLASS-375-99
US-PATENT-4,241,312

N81-19455* c 37 ..... NASA-CASE-LEW-12982-1
US-PATENT-APPL-SN-929084
US-PATENT-CLASS-204-192E
US-PATENT-CLASS-228-116
US-PATENT-CLASS-228-205
US-PATENT-4,245,768

N81-19558* c 44 ..... NASA-CASE-NPO-14670-1
US-PATENT-APPL-SN-043941
US-PATENT-CLASS-136-258
US-PATENT-CLASS-252-62.3E
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-59
US-PATENT-CLASS-357-63
US-PATENT-4,249,957

N81-19896* c 74 ..... NASA-CASE-NPO-11337-1
NASA-CASE-NPO-11575-1
US-PATENT-APPL-SN-090584
US-PATENT-APPL-SN-276599
US-PATENT-CLASS-340-146.3H
US-PATENT-CLASS-340-146.3S
US-PATENT-CLASS-340-146.3Y
US-PATENT-3,845,466

N81-19898* c 74 ..... NASA-CASE-NPO-12087-1
US-PATENT-APPL-SN-095217
US-PATENT-CLASS-250-83.6R
US-PATENT-3,704,284

N81-20352*# c 33 ..... NASA-CASE-NPO-13970-1
US-PATENT-APPL-SN-023484
US-PATENT-CLASS-318-138
US-PATENT-CLASS-318-254
US-PATENT-CLASS-318-439
US-PATENT-4,249,116

N81-20703* c 52 ..... NASA-CASE-NPO-14329-1
US-PATENT-APPL-SN-044432
US-PATENT-CLASS-128-642
US-PATENT-CLASS-128-774
US-PATENT-CLASS-73-141A
US-PATENT-4,249,417

N81-21047* c 04 ..... NASA-CASE-ARC-11257-1
US-PATENT-APPL-SN-078611
US-PATENT-CLASS-73-178R
US-PATENT-CLASS-73-490
US-PATENT-CLASS-73-504
US-PATENT-4,244,215

N81-22280*# c 33 ..... NASA-CASE-MFS-24368-3
US-PATENT-APPL-SN-243683

N81-22344*# c 36 ..... NASA-CASE-GSC-12609-1
US-PATENT-APPL-SN-218586

N81-22360*# c 37 ..... NASA-CASE-LEW-12445-1
US-PATENT-APPL-SN-238887

N81-24106* c 08 ..... NASA-CASE-LAR-12268-1
US-PATENT-APPL-SN-015996
US-PATENT-CLASS-244-181
US-PATENT-CLASS-244-195
US-PATENT-CLASS-318-584
US-PATENT-CLASS-364-434
US-PATENT-4,261,537

N81-24256* c 27 ..... NASA-CASE-ARC-11253-3
US-PATENT-APPL-SN-028301
US-PATENT-APPL-SN-145283
US-PATENT-CLASS-260-465.5R
US-PATENT-CLASS-528-310
US-PATENT-CLASS-564-229
US-PATENT-4,269,787

N81-24257* c 27 ..... NASA-CASE-LEW-13135-2
US-PATENT-APPL-SN-113014
US-PATENT-APPL-SN-971475
US-PATENT-CLASS-264-104
US-PATENT-CLASS-264-105
US-PATENT-CLASS-429-139
US-PATENT-CLASS-429-249
US-PATENT-CLASS-429-253
US-PATENT-CLASS-429-27
US-PATENT-CLASS-429-28
US-PATENT-CLASS-525-61
US-PATENT-4,262,067

N81-24258* c 27 ..... NASA-CASE-NPO-10424-1
US-PATENT-APPL-SN-692636
US-PATENT-CLASS-260-37
US-PATENT-3,651,008

N81-24280* c 28 ..... NASA-CASE-MSC-16394-1
US-PATENT-APPL-SN-161255
US-PATENT-CLASS-204-129
US-PATENT-CLASS-204-252
US-PATENT-CLASS-204-266
US-PATENT-CLASS-204-290F
US-PATENT-CLASS-204-290R
US-PATENT-CLASS-204-291
US-PATENT-4,263,112

N81-24338* c 33 ..... NASA-CASE-NPO-14617-1
US-PATENT-APPL-SN-051269
US-PATENT-CLASS-330-8
US-PATENT-4,262,259

N81-24422* c 36 ..... NASA-CASE-LAR-12177-1
US-PATENT-APPL-SN-027558
US-PATENT-CLASS-356-28.5
US-PATENT-CLASS-356-356
US-PATENT-CLASS-356-358
US-PATENT-4,255,048

N81-24442* c 37 ..... NASA-CASE-LEW-12991-1
US-PATENT-APPL-SN-961832
US-PATENT-CLASS-277-96
US-PATENT-4,260,166

N81-24443* c 37 ..... NASA-CASE-LAR-11695-2
US-PATENT-APPL-SN-103836
US-PATENT-APPL-SN-893865
US-PATENT-CLASS-152-330RF
US-PATENT-CLASS-152-353G
US-PATENT-CLASS-152-353R
US-PATENT-CLASS-152-379.4
US-PATENT-CLASS-244-103R
US-PATENT-CLASS-244-130
US-PATENT-4,267,992

N81-24519* c 44 ..... NASA-CASE-LEW-12441-3
US-PATENT-APPL-SN-032307
US-PATENT-APPL-SN-856462
US-PATENT-CLASS-239-127.1
US-PATENT-CLASS-60-204
US-PATENT-CLASS-60-267
US-PATENT-4,199,937
US-PATENT-4,245,469

N81-24520* c 44 ..... NASA-CASE-MFS-23999-1
US-PATENT-APPL-SN-060435
US-PATENT-CLASS-250-203R
US-PATENT-CLASS-250-209
US-PATENT-4,262,195

N81-24521* c 44 ..... NASA-CASE-LEW-12918-1
US-PATENT-APPL-SN-134855
US-PATENT-CLASS-429-120
US-PATENT-CLASS-429-160
US-PATENT-CLASS-429-164
US-PATENT-CLASS-429-94
US-PATENT-4,262,064

N81-24711* c 52 ..... NASA-CASE-MSC-16433-1
US-PATENT-APPL-SN-910992
US-PATENT-CLASS-128-295
US-PATENT-CLASS-128-761
US-PATENT-CLASS-4-144.3
US-PATENT-4,246,901

N81-24724* c 54 ..... NASA-CASE-KSC-11085-1
US-PATENT-APPL-SN-046739
US-PATENT-CLASS-261-79A
US-PATENT-CLASS-422-109
US-PATENT-CLASS-422-27
US-PATENT-CLASS-422-3
US-PATENT-CLASS-422-30
US-PATENT-CLASS-422-34
US-PATENT-4,250,143

N81-24779* c 62 ..... NASA-CASE-KSC-11048-1
US-PATENT-APPL-SN-023437
US-PATENT-CLASS-364-200
US-PATENT-4,254,464

N81-24900* c 74 ..... NASA-CASE-GSC-12528-1
US-PATENT-APPL-SN-111439
US-PATENT-CLASS-250-368
US-PATENT-CLASS-250-483
US-PATENT-4,262,206

N81-25159* c 25 ..... NASA-CASE-NPO-15102-1
US-PATENT-APPL-SN-154726
US-PATENT-CLASS-250-350
US-PATENT-CLASS-356-432
US-PATENT-4,253,769

N81-25188* c 26 ..... NASA-CASE-LEW-13088-1
US-PATENT-APPL-SN-089779
US-PATENT-CLASS-428-471
US-PATENT-CLASS-428-632
US-PATENT-CLASS-428-678
US-PATENT-CLASS-428-679
US-PATENT-CLASS-428-680
US-PATENT-4,255,495

N81-25209* c 27 ..... NASA-CASE-MSC-18107-1
US-PATENT-APPL-SN-956168
US-PATENT-CLASS-430-271
US-PATENT-CLASS-430-325
US-PATENT-CLASS-430-329
US-PATENT-CLASS-430-330
US-PATENT-4,262,080

N81-25258* c 31 ..... NASA-CASE-LAR-12095-1
US-PATENT-APPL-SN-811401
US-PATENT-CLASS-244-158R
US-PATENT-CLASS-403-171
US-PATENT-CLASS-428-902
US-PATENT-CLASS-52-309.1
US-PATENT-CLASS-52-648
US-PATENT-CLASS-52-726
US-PATENT-4,259,821

N81-25259* c 31 ..... NASA-CASE-LAR-12077-1
US-PATENT-APPL-SN-014663
US-PATENT-CLASS-52-645
US-PATENT-4,259,825

N81-25278* c 32 ..... NASA-CASE-NPO-14588-1
US-PATENT-APPL-SN-008209
US-PATENT-CLASS-343-755
US-PATENT-CLASS-343-772
US-PATENT-CLASS-343-781R
US-PATENT-CLASS-343-786
US-PATENT-4,258,366

N81-25299* c 33 ..... NASA-CASE-GSC-12399-1
US-PATENT-APPL-SN-961831
US-PATENT-CLASS-70-58
US-PATENT-4,252,007

N81-25370* c 37 ..... NASA-CASE-NPO-14221-1
US-PATENT-APPL-SN-907431
US-PATENT-CLASS-60-517
US-PATENT-CLASS-60-525
US-PATENT-4,255,929

N81-25371* c 37 ..... NASA-CASE-NPO-13823-1
US-PATENT-APPL-SN-658487
US-PATENT-CLASS-106-43
US-PATENT-CLASS-264-332
US-PATENT-4,252,768

N81-25400* c 39 ..... NASA-CASE-NPO-14363-1
US-PATENT-APPL-SN-969760
US-PATENT-CLASS-356-213
US-PATENT-CLASS-356-216
US-PATENT-CLASS-356-234
US-PATENT-CLASS-356-32
US-PATENT-4,252,440

N81-25660* c 52 ..... NASA-CASE-MFS-23717-1
US-PATENT-APPL-SN-950877
US-PATENT-CLASS-128-DIG.25
US-PATENT-CLASS-128-1R
US-PATENT-CLASS-128-346
US-PATENT-CLASS-137-493
US-PATENT-4,256,093

N81-25661* c 52 ..... NASA-CASE-GSC-12082-2
US-PATENT-APPL-SN-676958
US-PATENT-APPL-SN-798976
US-PATENT-CLASS-128-80F
US-PATENT-4,252,111

N81-25662* c 52 ..... NASA-CASE-ARC-11167-1
US-PATENT-APPL-SN-057526
US-PATENT-CLASS-128-89R
US-PATENT-4,261,349

N81-26073*# c 02 ..... NASA-CASE-KSC-11042-2
US-PATENT-APPL-SN-154663

N81-26114* c 05 ..... NASA-CASE-LAR-12406-1
US-PATENT-APPL-SN-008210
US-PATENT-CLASS-165-104.14
US-PATENT-CLASS-244-117A
US-PATENT-CLASS-244-163
US-PATENT-CLASS-60-259

US-PATENT-CLASS-119-18
US-PATENT-4,284,034

N81-33235* c 24 ..... NASA-CASE-LAR-12065-2
US-PATENT-APPL-SN-119337
US-PATENT-APPL-SN-889671
US-PATENT-CLASS-156-242
US-PATENT-CLASS-156-245
US-PATENT-CLASS-156-252
US-PATENT-CLASS-156-264
US-PATENT-CLASS-156-285
US-PATENT-CLASS-156-290
US-PATENT-4,229,473
US-PATENT-4,274,901

N81-33246* c 25 ..... NASA-CASE-NPO-14272-1
US-PATENT-APPL-SN-878253
US-PATENT-CLASS-201-17
US-PATENT-CLASS-44-1R
US-PATENT-CLASS-44-2
US-PATENT-4,146,367

N81-33319* c 31 ..... NASA-CASE-NPO-14596-1
US-PATENT-APPL-SN-037072
US-PATENT-CLASS-264-24
US-PATENT-CLASS-264-5
US-PATENT-CLASS-264-9
US-PATENT-CLASS-425-6
US-PATENT-CLASS-65-142
US-PATENT-CLASS-65-21.4
US-PATENT-CLASS-65-22
US-PATENT-4,279,632

N81-33403* c 33 ..... NASA-CASE-GSC-12324-1
US-PATENT-APPL-SN-945043
US-PATENT-CLASS-358-109
US-PATENT-CLASS-358-213
US-PATENT-4,280,141

N81-33404* c 33 ..... NASA-CASE-NPO-14316-1
US-PATENT-APPL-SN-051276
US-PATENT-CLASS-363-24
US-PATENT-CLASS-363-56
US-PATENT-4,276,588

N81-33405* c 33 ..... NASA-CASE-NPO-14435-1
US-PATENT-APPL-SN-017886
US-PATENT-CLASS-329-122
US-PATENT-CLASS-331-DIG.2
US-PATENT-CLASS-364-514
US-PATENT-CLASS-375-1
US-PATENT-4,279-018

N81-33448* c 35 ..... NASA-CASE-NPO-14258-1
US-PATENT-APPL-SN-853349
US-PATENT-APPL-SN-972252
US-PATENT-CLASS-350-370
US-PATENT-CLASS-356-350
US-PATENT-CLASS-356-351
US-PATENT-4,280,766

N81-33482* c 37 ..... NASA-CASE-NPO-15227-1
US-PATENT-APPL-SN-163840
US-PATENT-CLASS-118-50
US-PATENT-CLASS-118-52
US-PATENT-CLASS-269-21
US-PATENT-CLASS-427-240
US-PATENT-4,280,689

N81-33483* c 37 ..... NASA-CASE-FRC-11044-1
US-PATENT-APPL-SN-135056
US-PATENT-CLASS-318-663
US-PATENT-CLASS-74-89
US-PATENT-CLASS-92-130R
US-PATENT-4,274,038

N82-11088* c 09 ..... NASA-CASE-LAR-12532-1
US-PATENT-APPL-SN-135040
US-PATENT-CLASS-73-147
US-PATENT-4,286,460

N82-11144* c 25 ..... NASA-CASE-NPO-14273-1
US-PATENT-APPL-SN-969759
US-PATENT-CLASS-110-234
US-PATENT-CLASS-110-245
US-PATENT-CLASS-110-255
US-PATENT-CLASS-110-266
US-PATENT-CLASS-122-4D
US-PATENT-4,287,838

N82-11206* c 27 ..... NASA-CASE-LAR-12640-1
US-PATENT-APPL-SN-092142
US-PATENT-CLASS-156.307.7
US-PATENT-CLASS-156-307.3
US-PATENT-CLASS-156-307.5
US-PATENT-CLASS-156-331.5
US-PATENT-CLASS-528-126
US-PATENT-CLASS-528-172
US-PATENT-CLASS-528-173
US-PATENT-CLASS-528-180
US-PATENT-CLASS-528-207
US-PATENT-CLASS-528-208
US-PATENT-CLASS-528-210
US-PATENT-CLASS-528-211
US-PATENT-CLASS-528-225
US-PATENT-CLASS-528-228
US-PATENT-CLASS-528-351
US-PATENT-CLASS-528-353
US-PATENT-4,284,461

N82-11336* c 32 ..... NASA-CASE-MSC-18606-1
US-PATENT-APPL-SN-145206
US-PATENT-CLASS-343-700MS
US-PATENT-CLASS-343-708
US-PATENT-CLASS-343-727
US-PATENT-CLASS-343-795
US-PATENT-CLASS-343-846
US-PATENT-4,287,518

N82-11357* c 33 ..... NASA-CASE-MSC-18106-1
US-PATENT-APPL-SN-098568
US-PATENT-CLASS-335-256
US-PATENT-CLASS-335-266
US-PATENT-CLASS-361-141
US-PATENT-4,295,111

N82-11360*# c 33 ..... NASA-CASE-MFS-25586-1
US-PATENT-APPL-SN-310714

N82-11399*# c 34 ..... NASA-CASE-LEW-12950-1
US-PATENT-APPL-SN-202228

N82-11431* c 35 ..... NASA-CASE-LAR-12552-1
US-PATENT-APPL-SN-070366
US-PATENT-CLASS-235-92PC
US-PATENT-CLASS-324-71CP
US-PATENT-4,286,209

N82-11432* c 35 ..... NASA-CASE-MFS-23250-1
US-PATENT-APPL-SN-119340
US-PATENT-CLASS-422-40
US-PATENT-CLASS-430-17
US-PATENT-CLASS-430-372
US-PATENT-4,287,152

N82-11469*# c 37 ..... NASA-CASE-NPO-15539-1
US-PATENT-APPL-SN-303670

N82-11634* c 45 ..... NASA-CASE-NPO-13877-1
US-PATENT-APPL-SN-652979
US-PATENT-CLASS-210-40
US-PATENT-CLASS-252-422
US-PATENT-4,209,393

N82-11770* c 52 ..... NASA-CASE-MSC-14836-1
US-PATENT-APPL-SN-691647
US-PATENT-CLASS-128-327
US-PATENT-CLASS-128-686
US-PATENT-CLASS-128-691
US-PATENT-4,294,261

N82-12166* c 25 ..... NASA-CASE-MSC-16497-1
US-PATENT-APPL-SN-041145
US-PATENT-CLASS-204-1T
US-PATENT-CLASS-204-195S
US-PATENT-CLASS-204-263
US-PATENT-CLASS-204-264
US-PATENT-CLASS-204-266
US-PATENT-CLASS-204-275
US-PATENT-CLASS-204-276
US-PATENT-CLASS-204-278
US-PATENT-CLASS-23-230PC
US-PATENT-CLASS-23-232E
US-PATENT-CLASS-422-80
US-PATENT-4,293,522

N82-12297* c 32 ..... NASA-CASE-NPO-14054-1
US-PATENT-APPL-SN-969761
US-PATENT-CLASS-343-5CM
US-PATENT-4,292,634

N82-12441* c 37 ..... NASA-CASE-MFS-25363-1
US-PATENT-APPL-SN-171933
US-PATENT-CLASS-118-423
US-PATENT-CLASS-118-500
US-PATENT-CLASS-134-137
US-PATENT-4,286,542

N82-12442* c 37 ..... NASA-CASE-LEW-12989-1
US-PATENT-APPL-SN-092145
US-PATENT-CLASS-277-27
US-PATENT-CLASS-277-40
US-PATENT-CLASS-277-93R
US-PATENT-4,291,887

N82-12685* c 46 ..... NASA-CASE-NPO-14544-1
US-PATENT-APPL-SN-078612
US-PATENT-CLASS-343-100ME
US-PATENT-CLASS-343-100PE
US-PATENT-CLASS-343-781P
US-PATENT-4,282,525

N82-13376* c 34 ..... NASA-CASE-MFS-25139-1
US-PATENT-APPL-SN-126138
US-PATENT-CLASS-239-499
US-PATENT-CLASS-239-589
US-PATENT-CLASS-239-601
US-PATENT-4,300,723

N82-13415* c 36 ..... NASA-CASE-LAR-12592-1
US-PATENT-APPL-SN-041141
US-PATENT-CLASS-331-94.5C
US-PATENT-CLASS-331-94.5D
US-PATENT-CLASS-331-94.5P
US-PATENT-4,300,106

N82-13465* c 43 ..... NASA-CASE-GSC-12032-2
US-PATENT-APPL-SN-578700
US-PATENT-APPL-SN-583219
US-PATENT-CLASS-250-235
US-PATENT-CLASS-250-236
US-PATENT-CLASS-358-109
US-PATENT-4,300,159

N82-15381* c 35 ..... NASA-CASE-NPO-14839-1
US-PATENT-APPL-SN-106119
US-PATENT-CLASS-343-100PE
US-PATENT-CLASS-455-137
US-PATENT-CLASS-455-139
US-PATENT-CLASS-455-60
US-PATENT-4,295,140

N82-16059* c 04 ..... NASA-CASE-ARC-10990-1
US-PATENT-APPL-SN-749420
US-PATENT-CLASS-244-114R
US-PATENT-CLASS-340-26
US-PATENT-4,291,294

N82-16075* c 06 ..... NASA-CASE-FRC-11005-1
US-PATENT-APPL-SN-043942
US-PATENT-CLASS-340-27NA
US-PATENT-CLASS-73-178R
US-PATENT-4,283,705

N82-16174* c 23 ..... NASA-CASE-ARC-11244-1
US-PATENT-APPL-SN-054501
US-PATENT-CLASS-260-340.9R
US-PATENT-CLASS-568-445
US-PATENT-CLASS-568-497
US-PATENT-4,277,402

N82-16238* c 27 ..... NASA-CASE-MSC-18382-1
US-PATENT-APPL-SN-145107
US-PATENT-CLASS-106-18.16
US-PATENT-CLASS-106-18.24
US-PATENT-CLASS-260-45.7R
US-PATENT-CLASS-427-393.3
US-PATENT-CLASS-428-263
US-PATENT-CLASS-428-264
US-PATENT-CLASS-428-265
US-PATENT-CLASS-428-267
US-PATENT-CLASS-428-272
US-PATENT-4,284,682

N82-16340* c 33 ..... NASA-CASE-GSC-12420-1
US-PATENT-APPL-SN-129793
US-PATENT-CLASS-333-104
US-PATENT-CLASS-333-246
US-PATENT-4,302,734

N82-16396* c 36 ..... NASA-CASE-GSC-12321-1
US-PATENT-APPL-SN-102001
US-PATENT-CLASS-356-349
US-PATENT-CLASS-356-386
US-PATENT-4,299,492

N82-16408* c 37 ..... NASA-CASE-MSC-18422-1
US-PATENT-APPL-SN-102593
US-PATENT-CLASS-244-113
US-PATENT-CLASS-244-163
US-PATENT-CLASS-244-217
US-PATENT-CLASS-277-189
US-PATENT-CLASS-277-81R
US-PATENT-CLASS-418-113
US-PATENT-CLASS-418-142
US-PATENT-4,290,612

N82-16474* c 44 ..... NASA-CASE-MFS-23775-1
US-PATENT-APPL-SN-098569
US-PATENT-CLASS-73-341
US-PATENT-4,282,752

N82-16475* c 44 ..... NASA-CASE-NPO-15071-1
US-PATENT-APPL-SN-150115
US-PATENT-CLASS-126-438
US-PATENT-CLASS-250-527
US-PATENT-CLASS-48-89
US-PATENT-CLASS-48-99
US-PATENT-4,290,779

N82-16747* c 60 ..... NASA-CASE-GSC-12430-1
US-PATENT-APPL-SN-129779
US-PATENT-CLASS-370-100
US-PATENT-CLASS-375-106
US-PATENT-CLASS-375-114
US-PATENT-CLASS-375-116
US-PATENT-4,298,987

N82-16800* c 71 ..... NASA-CASE-FRC-11062-1
US-PATENT-APPL-SN-185869
US-PATENT-CLASS-181-214
US-PATENT-4,300,656

N82-18314* c 20 ..... NASA-CASE-GSC-12194-2
US-PATENT-APPL-SN-819029
US-PATENT-APPL-SN-971474
US-PATENT-CLASS-60-200R
US-PATENT-CLASS-60-39.46M
US-PATENT-4,288,982

N82-18389* c 27 ..... NASA-CASE-ARC-11176-1
US-PATENT-APPL-SN-129799
US-PATENT-CLASS-528-168
US-PATENT-CLASS-528-399
US-PATENT-CLASS-528-4
US-PATENT-CLASS-528-6
US-PATENT-CLASS-528-7
US-PATENT-CLASS-568-2
US-PATENT-CLASS-568-4
US-PATENT-CLASS-568-5
US-PATENT-4,288,585

US-PATENT-APPL-SN-154725
US-PATENT-CLASS-74-18.1
US-PATENT-CLASS-74-18.2
US-PATENT-CLASS-92-37
US-PATENT-4,311,057

N82-24494* c 37 ..... NASA-CASE-MSC-18526-1
US-PATENT-APPL-SN-119335
US-PATENT-CLASS-285-159
US-PATENT-CLASS-285-401
US-PATENT-CLASS-285-89
US-PATENT-CLASS-403-315
US-PATENT-4,320,911

N82-24639* c 44 ..... NASA-CASE-MFS-23830-1
US-PATENT-APPL-SN-129780
US-PATENT-CLASS-415-DIG.8
US-PATENT-CLASS-415-2R
US-PATENT-4,309,146

N82-24640* c 44 ..... NASA-CASE-LAR-12148-1
US-PATENT-APPL-SN-051275
US-PATENT-CLASS-60-516
US-PATENT-CLASS-60-641.14
US-PATENT-4,326,381

N82-24641* c 44 ..... NASA-CASE-GSC-10019-1
US-PATENT-APPL-SN-680048
US-PATENT-CLASS-136-6
US-PATENT-3,498,841

N82-24642* c 44 ..... NASA-CASE-GSC-10350-1
US-PATENT-APPL-SN-679980
US-PATENT-CLASS-136-6
US-PATENT-3,498,840

N82-24643* c 44 ..... NASA-CASE-GSC-10017-1
US-PATENT-APPL-SN-679996
US-PATENT-CLASS-136-6
US-PATENT-3,519,484

N82-24644* c 44 ..... NASA-CASE-GSC-10018-1
US-PATENT-APPL-SN-679987
US-PATENT-CLASS-136-6
US-PATENT-3,519,483

N82-24645* c 44 ..... NASA-CASE-GSC-10349-1
US-PATENT-APPL-SN-658999
US-PATENT-CLASS-136-148
US-PATENT-3,506,496

N82-24779* c 47 ..... NASA-CASE-KSC-11099-1
US-PATENT-APPL-SN-043945
US-PATENT-CLASS-324-72
US-PATENT-CLASS-324-77R
US-PATENT-4,272,720

N82-24839* c 60 ..... NASA-CASE-FRC-11042-1
US-PATENT-APPL-SN-129778
US-PATENT-CLASS-254-131
US-PATENT-CLASS-29-267
US-PATENT-CLASS-29-764
US-PATENT-4,307,510

N82-25484*# c 35 ..... NASA-CASE-NPO-15494-1
US-PATENT-APPL-SN-325885

N82-26277* c 05 ..... NASA-CASE-FRC-11007-2
US-PATENT-APPL-SN-043911
US-PATENT-CLASS-244.12.2
US-PATENT-CLASS-244-23C
US-PATENT-CLASS-244-34A
US-PATENT-CLASS-244-93
US-PATENT-4,307,856

N82-26293* c 07 ..... NASA-CASE-LEW-13199-1
US-PATENT-APPL-SN-025301
US-PATENT-CLASS-244-110B
US-PATENT-CLASS-60-226A
US-PATENT-4,278,220

N82-26384* c 24 ..... NASA-CASE-LAR-11688-1
US-PATENT-APPL-SN-878540
US-PATENT-CLASS-244-119
US-PATENT-CLASS-244-123
US-PATENT-CLASS-244-132
US-PATENT-4,310,132

N82-26387*# c 24 ..... NASA-CASE-MSC-18934-3
US-PATENT-APPL-SN-361711

N82-26396* c 25 ..... NASA-CASE-LAR-12705-1
US-PATENT-APPL-SN-135058
US-PATENT-CLASS-252-514
US-PATENT-4,311,615

N82-26568* c 33 ..... NASA-CASE-LEW-12296-1
US-PATENT-APPL-SN-122966
US-PATENT-CLASS-315-3.5
US-PATENT-CLASS-315-3.6
US-PATENT-CLASS-330-43
US-PATENT-4,315,194

N82-26569* c 33 ..... NASA-CASE-MFS-23828-1
US-PATENT-APPL-SN-111436
US-PATENT-CLASS-318-254
US-PATENT-CLASS-318-806
US-PATENT-CLASS-318-812
US-PATENT-CLASS-318-830
US-PATENT-4,313,077

N82-26570* c 33 ..... NASA-CASE-LAR-12659-1
US-PATENT-APPL-SN-171928
US-PATENT-CLASS-340-347DD
US-PATENT-4,313,103

N82-26571* c 33 ..... NASA-CASE-LAR-12595-1
US-PATENT-APPL-SN-070774
US-PATENT-CLASS-156-157
US-PATENT-CLASS-156-272
US-PATENT-CLASS-156-379.7
US-PATENT-CLASS-156-71
US-PATENT-CLASS-219-10.41
US-PATENT-CLASS-219-10.53
US-PATENT-CLASS-219-545
US-PATENT-CLASS-428-247
US-PATENT-4,313,777

N82-26572* c 33 ..... NASA-CASE-LAR-12465-1
US-PATENT-APPL-SN-106136
US-PATENT-CLASS-361-283
US-PATENT-CLASS-367-181
US-PATENT-CLASS-73-724
US-PATENT-4,310,906

N82-26628* c 35 ..... NASA-CASE-LAR-12474-1
US-PATENT-APPL-SN-171934
US-PATENT-CLASS-352-171
US-PATENT-CLASS-354-217
US-PATENT-CLASS-354-289
US-PATENT-4,311,378

N82-26631*# c 35 ..... NASA-CASE-MFS-25707-1
US-PATENT-APPL-SN-359627

N82-26672* c 37 ..... NASA-CASE-MSC-18538-1
US-PATENT-APPL-SN-138944
US-PATENT-CLASS-30-102
US-PATENT-4,305,205

N82-26673*# c 37 ..... NASA-CASE-MSC-18742-1
US-PATENT-APPL-SN-293417

N82-26674*# c 37 ..... NASA-CASE-LEW-13268-2
US-PATENT-APPL-SN-325931

N82-26776* c 44 ..... NASA-CASE-NPO-15183-1
US-PATENT-APPL-SN-173519
US-PATENT-CLASS-62-148
US-PATENT-CLASS-62-235.1
US-PATENT-CLASS-62-238.3
US-PATENT-CLASS-62-239
US-PATENT-CLASS-62-244
US-PATENT-CLASS-62-476
US-PATENT-4,307,575

N82-26777* c 44 ..... NASA-CASE-NPO-15179-1
US-PATENT-APPL-SN-185867
US-PATENT-CLASS-136-261
US-PATENT-CLASS-136-290
US-PATENT-CLASS-148-1.5
US-PATENT-CLASS-219-121LN
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-63
US-PATENT-4,311,870

N82-26987* c 54 ..... NASA-CASE-ARC-11314-1
US-PATENT-APPL-SN-168943
US-PATENT-CLASS-73-862.08
US-PATENT-4,311,055

N82-27086*# c 71 ..... NASA-CASE-NPO-15562-1
US-PATENT-APPL-SN-364097

N82-27558* c 32 ..... NASA-CASE-MSC-18532-1
US-PATENT-APPL-SN-172099
US-PATENT-CLASS-343-789
US-PATENT-CLASS-343-895
US-PATENT-4,315,266

N82-28279* c 05 ..... NASA-CASE-LAR-12175-1
US-PATENT-APPL-SN-079913
US-PATENT-CLASS-244-48
US-PATENT-4,330,100

N82-28353* c 23 ..... NASA-CASE-ARC-11267-2
US-PATENT-APPL-SN-163838
US-PATENT-CLASS-528-401
US-PATENT-CLASS-528-422
US-PATENT-CLASS-547-131
US-PATENT-CLASS-564-229
US-PATENT-4,316,035

N82-28368* c 25 ..... NASA-CASE-NPO-15015-1
US-PATENT-APPL-SN-145207
US-PATENT-CLASS-203-12
US-PATENT-CLASS-422-186
US-PATENT-CLASS-422-198
US-PATENT-CLASS-423-235
US-PATENT-CLASS-423-539
US-PATENT-CLASS-423-540
US-PATENT-CLASS-423-542
US-PATENT-CLASS-423-579
US-PATENT-CLASS-423-648R
US-PATENT-4,314,984

N82-28440* c 27 ..... NASA-CASE-LEW-13120-1
US-PATENT-APPL-SN-218587
US-PATENT-CLASS-204-192E
US-PATENT-CLASS-204-192EC
US-PATENT-CLASS-264-22
US-PATENT-CLASS-264-220
US-PATENT-CLASS-428-141
US-PATENT-4,329,385

N82-28441* c 27 ..... NASA-CASE-LEW-13343-1
US-PATENT-APPL-SN-161254
US-PATENT-CLASS-427-205
US-PATENT-CLASS-427-253
US-PATENT-CLASS-427-405
US-PATENT-CLASS-428-938
US-PATENT-CLASS-428-941
US-PATENT-4,310,574

N82-28442* c 27 ..... NASA-CASE-NPO-14845-1
US-PATENT-APPL-SN-219680
US-PATENT-CLASS-264-5
US-PATENT-CLASS-425-6
US-PATENT-CLASS-65-142
US-PATENT-CLASS-65-21.4
US-PATENT-CLASS-65-22
US-PATENT-4,313,745

N82-28545* c 33 ..... NASA-CASE-MFS-23776-1
US-PATENT-APPL-SN-145272
US-PATENT-CLASS-250-214
US-PATENT-CLASS-250-221
US-PATENT-4,319,133

N82-28604* c 35 ..... NASA-CASE-LAR-12709-1
US-PATENT-APPL-SN-235796
US-PATENT-CLASS-204-195B
US-PATENT-CLASS-435-291
US-PATENT-CLASS-435-34
US-PATENT-CLASS-435-39
US-PATENT-4,335,206

N82-28616* c 36 ..... NASA-CASE-NPO-14782-1
US-PATENT-APPL-SN-119339
US-PATENT-CLASS-330-4.3
US-PATENT-CLASS-372-56
US-PATENT-CLASS-372-58
US-PATENT-CLASS-372-82
US-PATENT-4,328,464

N82-28780* c 44 ..... NASA-CASE-NPO-13689-4
US-PATENT-APPL-SN-225501
US-PATENT-APPL-SN-597430
US-PATENT-APPL-SN-683073
US-PATENT-APPL-SN-837513
US-PATENT-APPL-SN-93714
US-PATENT-CLASS-148-175
US-PATENT-CLASS-29-572
US-PATENT-CLASS-427-531
US-PATENT-CLASS-427-74
US-PATENT-4,278,830
US-PATENT-4,321,099

N82-29002* c 54 ..... NASA-CASE-XMS-03694-1
US-PATENT-APPL-SN-394280
US-PATENT-CLASS-165-46
US-PATENT-3,295,594

N82-29013* c 60 ..... NASA-CASE-MSC-18498-1
US-PATENT-APPL-SN-173518
US-PATENT-CLASS-244-194
US-PATENT-CLASS-318-564
US-PATENT-CLASS-371-68
US-PATENT-4,327,437

N82-29330* c 09 ..... NASA-CASE-KSC-11042-1
US-PATENT-APPL-SN-154663
US-PATENT-APPL-SN-862878
US-PATENT-CLASS-53-429
US-PATENT-CLASS-8-150
US-PATENT-4,244,810
US-PATENT-4,313,291

N82-29358* c 23 ..... NASA-CASE-LAR-10423-1
US-PATENT-APPL-SN-877445
US-PATENT-CLASS-260-65
US-PATENT-3,657,190

N82-29362* c 24 ..... NASA-CASE-MSC-18223-1
US-PATENT-APPL-SN-219681
US-PATENT-CLASS-128-280
US-PATENT-CLASS-128-283
US-PATENT-CLASS-128-284
US-PATENT-CLASS-128-285
US-PATENT-CLASS-128-288
US-PATENT-CLASS-128-291
US-PATENT-CLASS-128-296
US-PATENT-CLASS-428-283
US-PATENT-CLASS-428-284
US-PATENT-CLASS-428-286
US-PATENT-CLASS-428-287
US-PATENT-CLASS-428-288
US-PATENT-4,338,371

N82-29370* c 25 ..... NASA-CASE-XGS-05584-1
NASA-CASE-XGS-07375-1
NASA-CASE-XGS-07397-1
US-PATENT-APPL-SN-446071
US-PATENT-CLASS-106-197
US-PATENT-3,442,674

N82-29371* c 25 ..... NASA-CASE-NPO-14902-1
US-PATENT-APPL-SN-156790
US-PATENT-CLASS-201-17
US-PATENT-CLASS-44-1SR
US-PATENT-4,325,707

N82-29415* c 26 ..... NASA-CASE-LEW-13169-1
US-PATENT-APPL-SN-102003
US-PATENT-CLASS-204-192C
US-PATENT-4,336,117

N82-29451* c 27 ..... NASA-CASE-HQN-10274-1

US-PATENT-APPL-SN-266256
US-PATENT-CLASS-427-379
US-PATENT-CLASS-427-384
US-PATENT-CLASS-427-387
US-PATENT-CLASS-428-218
US-PATENT-4,358,486

N83-13172* c 24 ..... NASA-CASE-MSC-18736-1
US-PATENT-APPL-SN-266254
US-PATENT-CLASS-244-158A
US-PATENT-CLASS-427-140
US-PATENT-CLASS-427-292
US-PATENT-CLASS-427-302
US-PATENT-CLASS-427-379
US-PATENT-CLASS-427-384
US-PATENT-CLASS-427-387
US-PATENT-CLASS-428-63
US-PATENT-4,358,480

N83-13187* c 25 ..... NASA-CASE-MFS-25306-1
US-PATENT-APPL-SN-309293
US-PATENT-CLASS-204-280R
US-PATENT-CLASS-204-299R
US-PATENT-4,358,358

N83-13188* c 25 ..... NASA-CASE-LEW-13504-1
US-PATENT-APPL-SN-272234
US-PATENT-CLASS-264-104
US-PATENT-CLASS-429-206
US-PATENT-CLASS-429-253
US-PATENT-CLASS-525-61
US-PATENT-4,357,402

N83-13323* c 32 ..... NASA-CASE-KSC-11025-1
US-PATENT-APPL-SN-061327
US-PATENT-CLASS-371-6
US-PATENT-4,358,846

N83-13579* c 44 ..... NASA-CASE-LEW-13620-1
US-PATENT-APPL-SN-242796
US-PATENT-CLASS-136-256
US-PATENT-CLASS-136-259
US-PATENT-CLASS-29-572
US-PATENT-CLASS-357-30
US-PATENT-CLASS-427-88
US-PATENT-CLASS-427-89
US-PATENT-CLASS-427-90
US-PATENT-CLASS-427-91
US-PATENT-4,335,196

N83-13978* c 74 ..... NASA-CASE-ARC-11311-1
US-PATENT-APPL-SN-219640
US-PATENT-CLASS-350-287
US-PATENT-CLASS-350-486
US-PATENT-4,355,870

N83-14692* c 44 ..... NASA-CASE-LEW-12892-1
US-PATENT-APPL-SN-264380
US-PATENT-CLASS-136-255
US-PATENT-CLASS-136-256
US-PATENT-CLASS-136-259
US-PATENT-4,360,701

N83-14693* c 44 ..... NASA-CASE-MSC-18794-1
US-PATENT-APPL-SN-238785
US-PATENT-CLASS-417-399
US-PATENT-CLASS-74-110
US-PATENT-4,360,325

N83-16626* c 33 ..... NASA-CASE-LAR-12772-1
US-PATENT-APPL-SN-199767
US-PATENT-CLASS-73-579
US-PATENT-CLASS-73-597
US-PATENT-CLASS-73-629
US-PATENT-CLASS-73-761
US-PATENT-4,363,242

N83-16633*# c 33 ..... NASA-CASE-LAR-12847-1
US-PATENT-APPL-SN-393456

N83-17045* c 51 ..... NASA-CASE-NPO-15213-1
US-PATENT-APPL-SN-280153
US-PATENT-CLASS-47-58
US-PATENT-CLASS-71-98
US-PATENT-4,363,188

N83-17235* c 71 ..... NASA-CASE-LAR-12883-1
US-PATENT-APPL-SN-267935
US-PATENT-CLASS-73-147
US-PATENT-4,363,237

N83-17305* c 74 ..... NASA-CASE-MFS-25312-1
US-PATENT-APPL-SN-187106
US-PATENT-CLASS-350-171
US-PATENT-4,362,361

N83-17588*# c 20 ..... NASA-CASE-MFS-25843-1
US-PATENT-APPL-SN-444125

N83-18908* c 27 ..... NASA-CASE-MSC-18832-1
US-PATENT-APPL-SN-365950
US-PATENT-CLASS-428-241
US-PATENT-CLASS-428-244
US-PATENT-CLASS-428-245
US-PATENT-CLASS-428-260
US-PATENT-CLASS-428-331
US-PATENT-CLASS-428-368
US-PATENT-CLASS-428-902
US-PATENT-CLASS-428-913
US-PATENT-CLASS-428-920
US-PATENT-4,373,003

N83-18975* c 32 ..... NASA-CASE-NPO-14998-1
US-PATENT-APPL-SN-195547
US-PATENT-CLASS-250-203R
US-PATENT-CLASS-343-100CL
US-PATENT-CLASS-343-5CM
US-PATENT-CLASS-364-822
US-PATENT-CLASS-364-861
US-PATENT-4,371,946

N83-18996* c 33 ..... NASA-CASE-NPO-14567-1
US-PATENT-APPL-SN-038550
US-PATENT-APPL-SN-180230
US-PATENT-CLASS-250-311
US-PATENT-CLASS-324-73R
US-PATENT-CLASS-356-394
US-PATENT-4,358,732

N83-19015* c 34 ..... NASA-CASE-MFS-25282-1
US-PATENT-APPL-SN-263828
US-PATENT-CLASS-378-2
US-PATENT-CLASS-378-43
US-PATENT-4,370,750

N83-19091* c 37 ..... NASA-CASE-LAR-12361-1
US-PATENT-APPL-SN-182880
US-PATENT-CLASS-411-353
US-PATENT-CLASS-411-517
US-PATENT-4,371,301

N83-19596* c 74 ..... NASA-CASE-LEW-12253-1
US-PATENT-APPL-SN-243682
US-PATENT-CLASS-165-104.26
US-PATENT-CLASS-165-134R
US-PATENT-CLASS-29-157.3H
US-PATENT-4,372,377

N83-19597* c 74 ..... NASA-CASE-NPO-14864-1
US-PATENT-APPL-SN-061822
US-PATENT-CLASS-250-227
US-PATENT-CLASS-250-332
US-PATENT-CLASS-250-340
US-PATENT-CLASS-250-350
US-PATENT-CLASS-250-351
US-PATENT-CLASS-350-353
US-PATENT-4,262,198

N83-19737* c 05 ..... NASA-CASE-FRC-11065-1
US-PATENT-APPL-SN-248744
US-PATENT-CASE-244-121
US-PATENT-CASE-244-129.4
US-PATENT-CASE-292-254
US-PATENT-4,375,281

N83-19900* c 27 ..... NASA-CASE-NPO-14857-1
US-PATENT-APPL-SN-158530
US-PATENT-CLASS-523-205
US-PATENT-CLASS-524-436
US-PATENT-CLASS-524-437
US-PATENT-CLASS-524-503
US-PATENT-CLASS-524-564
US-PATENT-CLASS-524-786
US-PATENT-4,373,039

N83-19947* c 31 ..... NASA-CASE-NPO-15789-1
US-PATENT-APPL-SN-322316
US-PATENT-CLASS-204-129.55
US-PATENT-CLASS-204-129.75
US-PATENT-4,375,396

N83-19968* c 32 ..... NASA-CASE-NPO-14035-1
US-PATENT-APPL-SN-858767
US-PATENT-CLASS-343-100CL
US-PATENT-CLASS-343-5CM
US-PATENT-CLASS-343-9PS
US-PATENT-4,371,873

N83-20280* c 39 ..... NASA-CASE-MSC-18929-1
US-PATENT-APPL-SN-198093
US-PATENT-CLASS-128-782
US-PATENT-CLASS-358-105
US-PATENT-CLASS-364-413
US-PATENT-CLASS-364-522
US-PATENT-CLASS-364-559
US-PATENT-CLASS-73-379
US-PATENT-4,375,674

N83-20789* c 76 ..... NASA-CASE-NPO-15625-1
US-PATENT-APPL-SN-325933
US-PATENT-CLASS-148-173
US-PATENT-CLASS-148-175
US-PATENT-CLASS-156-608
US-PATENT-CLASS-156-624
US-PATENT-CLASS-156-635
US-PATENT-CLASS-156-654
US-PATENT-CLASS-156-662
US-PATENT-4,373,989

N83-20944* c 07 ..... NASA-CASE-MFS-23981-1
US-PATENT-APPL-SN-231543
US-PATENT-CLASS-244-159
US-PATENT-CLASS-244-173
US-PATENT-CLASS-322-2R
US-PATENT-CLASS-339-3R
US-PATENT-CLASS-339-5R
US-PATENT-CLASS-343-DIG2
US-PATENT-4,377,266

N83-20996* c 18 ..... NASA-CASE-LEW-13269-1
US-PATENT-APPL-SN-242795
US-PATENT-CLASS-415-174
US-PATENT-CLASS-415-197
US-PATENT-4,377,371

N83-21311* c 35 ..... NASA-CASE-LAR-12469-1
US-PATENT-APPL-SN-195223
US-PATENT-CLASS-250-338
US-PATENT-CLASS-250-372
US-PATENT-CLASS-250-474.1
US-PATENT-CLASS-356-51
US-PATENT-4,372,680

N83-21312* c 35 ..... NASA-CASE-MSC-18723-1
US-PATENT-APPL-SN-234223
US-PATENT-CLASS-73-818
US-PATENT-4,377,089

N83-21503* c 44 ..... NASA-CASE-LAR-12458-1
US-PATENT-APPL-SN-274705
US-PATENT-CLASS-73-147
US-PATENT-4,372,158

N83-21504* c 44 ..... NASA-CASE-LAR-12720-1
US-PATENT-APPL-SN-274706
US-PATENT-CLASS-73-147
US-PATENT-4,372,159

N83-21785* c 52 ..... NASA-CASE-LEW-13107-1
US-PATENT-APPL-SN-272407
US-PATENT-CLASS-604-280
US-PATENT-CLASS-604-8
US-PATENT-4,377,169

N83-21949* c 74 ..... NASA-CASE-ARC-11354-1
US-PATENT-APPL-SN-282192
US-PATENT-CLASS-356-357
US-PATENT-CLASS-73-147
US-PATENT-4,377,343

N83-24572*# c 25 ..... NASA-CASE-NPO-16135-1
US-PATENT-APPL-SN-470114

N83-24763* c 33 ..... NASA-CASE-LAR-12363-2
US-PATENT-APPL-SN-377892
US-PATENT-CLASS-250-388
US-PATENT-4,379,970

N83-24828* c 35 ..... NASA-CASE-MFS-25509-1
US-PATENT-APPL-SN-297486
US-PATENT-CLASS-156-DIG.62
US-PATENT-CLASS-34-57A
US-PATENT-CLASS-432-227
US-PATENT-CLASS-432-58
US-PATENT-4,378,209

N83-25217* c 45 ..... NASA-CASE-NPO-15220-1
US-PATENT-APPL-SN-246777
US-PATENT-CLASS-220-335
US-PATENT-CLASS-73-863.31
US-PATENT-CLASS-73-863.83
US-PATENT-CLASS-73-864.63
US-PATENT-4,377,949

N83-25346* c 52 ..... NASA-CASE-NPO-15197-1
US-PATENT-APPL-SN-263957
US-PATENT-CLASS-128-303B
US-PATENT-CLASS-128-774
US-PATENT-CLASS-128-782
US-PATENT-4,378,813

N83-25378* c 60 ..... NASA-CASE-GSC-12223-1
US-PATENT-APPL-SN-041143
US-PATENT-CLASS-364-200
US-PATENT-4,380,046

N83-25789* c 24 ..... NASA-CASE-ARC-11261-1
US-PATENT-APPL-SN-282129
US-PATENT-CLASS-423-447.2
US-PATENT-CLASS-423-447.6
US-PATENT-CLASS-423-447.7
US-PATENT-4,385,043

N83-26078* c 37 ..... NASA-CASE-GSC-12643-1
US-PATENT-APPL-SN-238786
US-PATENT-CLASS-417-15
US-PATENT-CLASS-47-26
US-PATENT-4,381,174

N83-27058* c 31 ..... NASA-CASE-GSC-12636-1
US-PATENT-APPL-SN-173520
US-PATENT-CLASS-125-20
US-PATENT-CLASS-408-1R
US-PATENT-CLASS-408-61
US-PATENT-CLASS-409-131
US-PATENT-4,383,785

N83-27085* c 32 ..... NASA-CASE-NPO-15401-1
US-PATENT-APPL-SN-259210
US-PATENT-CLASS-333-22F
US-PATENT-CLASS-333-254
US-PATENT-4,382,239

N83-27126* c 33 ..... NASA-CASE-NPO-15358-1
US-PATENT-APPL-SN-219968
US-PATENT-CLASS-323-269
US-PATENT-CLASS-323-303
US-PATENT-CLASS-323-350
US-PATENT-4,382,224

N83-27144* c 34 ..... NASA-CASE-LEW-13174-1
US-PATENT-APPL-SN-200634
US-PATENT-CLASS-415-115
US-PATENT-CLASS-416-1
US-PATENT-CLASS-416-97R

N83-32515* c 71 ..... NASA-CASE-NPO-15453-1
US-PATENT-APPL-SN-314929
US-PATENT-CLASS-60-721
US-PATENT-CLASS-73-505
US-PATENT-4,393,708

N83-32516* c 71 ..... NASA-CASE-NPO-15522-1
US-PATENT-APPL-SN-303672
US-PATENT-CLASS-60-721
US-PATENT-CLASS-73-505
US-PATENT-4,393,706

N83-32577* c 74 ..... NASA-CASE-GSC-12614-1
US-PATENT-APPL-SN-195227
US-PATENT-CLASS-356-353
US-PATENT-CLASS-356-363
US-PATENT-4,395,123

N83-33882* c 06 ..... NASA-CASE-FRC-11043-1
US-PATENT-APPL-SN-242790
US-PATENT-CLASS-33-322
US-PATENT-CLASS-74-5.34
US-PATENT-4,387,513

N83-33884* c 07 ..... NASA-CASE-ARC-10812-1
US-PATENT-APPL-SN-657903
US-PATENT-CLASS-181-213
US-PATENT-CLASS-239-265.17
US-PATENT-CLASS-60-262
US-PATENT-CLASS-60-269
US-PATENT-CLASS-60-271
US-PATENT-4,372,110

N83-33950* c 24 ..... NASA-CASE-NPO-14987-1
US-PATENT-APPL-SN-164-584
US-PATENT-CLASS-427-215
US-PATENT-CLASS-427-241
US-PATENT-CLASS-428-367
US-PATENT-CLASS-428-375
US-PATENT-CLASS-428-392
US-PATENT-CLASS-428-902
US-PATENT-CLASS-428-903
US-PATENT-4, 359,503

N83-33977* c 25 ..... NASA-CASE-ARC-11326-1
US-PATENT-APPL-SN-178192
US-PATENT-CLASS-252-5
US-PATENT-CLASS-423-419P
US-PATENT-CLASS-423-600
US-PATENT-CLASS-424-156
US-PATENT-4, 356,157

N83-34039* c 27 ..... NASA-CASE-GSC-12686-1
US-PATENT-APPL-SN-293412
US-PATENT-CLASS-427-322
US-PATENT-CLASS-427-340
US-PATENT-CLASS-427-352
US-PATENT-CLASS-427-400
US-PATENT-CLASS-427-407.1
US-PATENT-4,362,769

N83-34040* c 27 ..... NASA-CASE-LAR-12838-1
US-PATENT-APPL-SN-320621
US-PATENT-CLASS-526-259
US-PATENT-CLASS-526-285
US-PATENT-CLASS-528-12
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-126
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-220
US-PATENT-CLASS-528-222
US-PATENT-CLASS-528-228
US-PATENT-CLASS-528-229
US-PATENT-CLASS-528-38
US-PATENT-4,375,536

N83-34041* c 27 ..... NASA-CASE-LAR-12858-1
US-PATENT-APPL-SN-407240
US-PATENT-CLASS-164-331.12
US-PATENT-CLASS-264-137
US-PATENT-CLASS-264-258
US-PATENT-CLASS-264-331.46
US-PATENT-CLASS-528-222
US-PATENT-CLASS-528-226
US-PATENT-4,398,021

N83-34043* c 27 ..... NASA-CASE-NPO-15202-1
US-PATENT-APPL-SN-233271
US-PATENT-CLASS-384-124
US-PATENT-CLASS-523-440
US-PATENT-CLASS-523-443
US-PATENT-4,395,503

N83-34073* c 31 ..... NASA-CASE-ARC-11246-1
US-PATENT-APPL-SN-136660
US-PATENT-CLASS-156-264
US-PATENT-CLASS-156-344
US-PATENT-CLASS-156-59
US-PATENT-CLASS-273-240
US-PATENT-CLASS-434-403
US-PATENT-CLASS-434-88
US-PATENT-4,385,949

N83-34189* c 33 ..... NASA-CASE-GSC-12566-1
US-PATENT-APPL-SN-276748
US-PATENT-CLASS-315-208
US-PATENT-CLASS-315-224
US-PATENT-CLASS-315-225
US-PATENT-CLASS-315-237
US-PATENT-CLASS-315-241R
US-PATENT-CLASS-372-25
US-PATENT-4,398,129

N83-34190* c 33 ..... NASA-CASE-MFS-25607-1
US-PATENT-APPL-SN-325886
US-PATENT-CLAS-361-90
US-PATENT-CLASS-318-729
US-PATENT-CLASS-318-798
US-PATENT-CLASS-318-806
US-PATENT-CLASS-361-100
US-PATENT-CLASS-363-54
US-PATENT-4,400,657

N83-34191* c 33 ..... NASA-CASE-GSC-12646-1
US-PATENT-APPL-SN-284290
US-PATENT-CLASS-330-289
US-PATENT-CLASS-330-310
US-PATENT-4,401,953

N83-34221* c 34 ..... NASA-CASE-LAR-12393-1
US-PATENT-APPL-SN-145208
US-PATENT-CLAS-165-27
US-PATENT-CLASS-165-12
US-PATENT-CLASS-165-61
US-PATENT-CLASS-165-80E
US-PATENT-CLASS-374-46
US-PATENT-CLASS-62-514R
US-PATENT-CLASS-62-62
US-PATENT-4,346,754

N83-34272* c 35 ..... NASA-CASE-ARC-11317-1
US-PATENT-APPL-SN-229231
US-PATENT-CLASS-340-518
US-PATENT-CLASS-340-566
US-PATENT-4,374,378

N83-34304* c 36 ..... NASA-CASE-ARC-11312-1
US-PATENT-APPL-SN-234224
US-PATENT-CLASS-356-1
US-PATENT-CLASS-356-4
US-PATENT-CLASS-358-104
US-PATENT-CLASS-358-109
US-PATENT-CLASS-434-38
US-PATENT-CLASS-434-4
US-PATENT-4,391,514

N83-34323* c 37 ..... NASA-CASE-GSC-12726-1
US-PATENT-APPL-SN-364093
US-PATENT-CLASS-308-10
US-PATENT-4,381,375

N83-34448* c 44 ..... NASA-CASE-ARC-11164-1
US-PATENT-APPL-SN-308007
US-PATENT-CLASS-350-166
US-PATENT-CLASS-428-312.6
US-PATENT-CLASS-428-325
US-PATENT-CLASS-428-427
US-PATENT-CLASS-428-428
US-PATENT-4,381,333

N83-34449* c 44 ..... NASA-CASE-LAR-12719-1
US-PATENT-APPL-SN-367134
US-PATENT-CLASS-126-901
US-PATENT-CLASS-204-33
US-PATENT-CLASS-204-35N
US-PATENT-4,397,716

N83-34796* c 76 ..... NASA-CASE-LEW-12582-1
US-PATENT-APPL-SN-397281
US-PATENT-CLASS-310-332
US-PATENT-CLASS-310-800
US-PATENT-CLASS-428-294
US-PATENT-CLASS-428-421
US-PATENT-CLASS-428-422
US-PATENT-4,400,642

N83-35176* c 31 ..... NASA-CASE-NPO-15070-1
US-PATENT-APPL-SN-403847
US-PATENT-CLASS-264-12
US-PATENT-CLASS-264-24
US-PATENT-CLASS-264-5
US-PATENT-CLASS-425-10
US-PATENT-CLASS-425-6
US-PATENT-CLASS-425-7
US-PATENT-CLASS-65-142
US-PATENT-CLASS-65-21.3
US-PATENT-CLASS-65-21.4
US-PATENT-CLASS-65-22
US-PATENT-4,400,191

N83-35177* c 31 ..... NASA-CASE-LEW-13450-1
US-PATENT-APPL-SN-328760
US-PATENT-CLASS-427-243
US-PATENT-CLASS-427-247
US-PATENT-CLASS-427-34
US-PATENT-CLASS-427-423
US-PATENT-4,402,992

N83-35227* c 33 ..... NASA-CASE-MFS-25209-1
US-PATENT-APPL-SN-291132
US-PATENT-CLASS-318-685
US-PATENT-CLASS-318-798
US-PATENT-CLASS-318-806
US-PATENT-4,401,934

N83-35307* c 34 ..... NASA-CASE-GSC-12812-1
US-PATENT-APPL-SN-434674
US-PATENT-CLASS-165-104.26
US-PATENT-CLASS-165-32
US-PATENT-4,402,358

N83-35338* c 35 ..... NASA-CASE-LEW-13934-1
US-PATENT-APPL-SN-212949
US-PATENT-CLASS-228-103
US-PATENT-CLASS-228-193
US-PATENT-CLASS-228-263.18
US-PATENT-CLASS-415-118
US-PATENT-4,402,447

N83-35350* c 36 ..... NASA-CASE-NPO-15201-1
US-PATENT-APPL-SN-246778
US-PATENT-CLASS-330-4
US-PATENT-CLASS-332-7.5
US-PATENT-CLASS-333-24.2
US-PATENT-4,399,415

N83-35781* c 71 ..... NASA-CASE-NPO-15334-1
US-PATENT-APPL-SN-341406
US-PATENT-CLASS-210-748
US-PATENT-CLASS-252-361
US-PATENT-CLASS-366-114
US-PATENT-CLASS-55-15
US-PATENT-CLASS-55-277
US-PATENT-CLASS-55-38
US-PATENT-CLASS-55-52
US-PATENT-CLASS-65-134
US-PATENT-4,398,925

N83-35888* c 76 ..... NASA-CASE-NPO-15530-1
US-PATENT-APPL-SN-364092
US-PATENT-CLASS-156-DIG.6
US-PATENT-CLASS-156-DIG.73
US-PATENT-CLASS-156-608
US-PATENT-4,401,505

N83-35992* c 01 ..... NASA-CASE-LAR-12624-1
US-PATENT-APPL-SN-259209
US-PATENT-CLASS-102-378
US-PATENT-CLASS-244-137P
US-PATENT-CLASS-89-1B
US-PATENT-4,407,468

N83-36029* c 07 ..... NASA-CASE-LEW-13142-1
US-PATENT-APPL-SN-132364
US-PATENT-CLASS-60-39.07
US-PATENT-4,404,793

N83-36118* c 25 ..... NASA-CASE-ARC-11252-1
US-PATENT-APPL-SN-317977
US-PATENT-CLASS-169-47
US-PATENT-CLASS-252-2
US-PATENT-CLASS-252-5
US-PATENT-4,406,797

N83-36220* c 27 ..... NASA-CASE-MFS-25436-1
US-PATENT-APPL-SN-280151
US-PATENT-CLASS-156-DIG.73
US-PATENT-CLASS-156-DIG.89
US-PATENT-CLASS-156-600
US-PATENT-CLASS-156-610
US-PATENT-CLASS-165-2
US-PATENT-CLASS-165-58
US-PATENT-CLASS-219-343
US-PATENT-CLASS-219-354
US-PATENT-CLASS-219-390
US-PATENT-CLASS-219-411
US-PATENT-CLASS-350-316
US-PATENT-4,408,658

N83-36355* c 33 ..... NASA-CASE-GSC-12630-1
US-PATENT-APPL-SN-308009
US-PATENT-CLASS-343-100AP
US-PATENT-CLASS-343-840
US-PATENT-4,407,001

N83-36356* c 33 ..... NASA-CASE-KSC-11170-1
US-PATENT-APPL-SN-284288
US-PATENT-CLASS-330-110
US-PATENT-CLASS-330-282
US-PATENT-4,406,989

N83-36357* c 33 ..... NASA-CASE-LAR-12654-1
US-PATENT-APPL-SN-234225
US-PATENT-CLASS-368-184
US-PATENT-CLASS-368-200
US-PATENT-CLASS-368-201
US-PATENT-4,407,589

N83-36482* c 37 ..... NASA-CASE-MSC-18791-1
US-PATENT-APPL-SN-248746
US-PATENT-CLASS-29-446
US-PATENT-CLASS-73-862.54
US-PATENT-CLASS-81-55
US-PATENT-CLASS-81-57.38
US-PATENT-4,407,165

N83-36483* c 37 ..... NASA-CASE-MSC-18807-1
US-PATENT-APPL-SN-266688
US-PATENT-CLASS-123-197R
US-PATENT-CLASS-123-78E
US-PATENT-4,406,256

N83-36846* c 71 ..... NASA-CASE-NPO-15435-1
US-PATENT-APPL-SN-272837
US-PATENT-CLASS-308-10
US-PATENT-CLASS-73-505
US-PATENT-4,402,221

US-PATENT-4,426,614
N84-16456* c 33 ..... NASA-CASE-NPO-15161-1
US-PATENT-APPL-SN-325083
US-PATENT-CLASS-427-216
US-PATENT-CLASS-427-217
US-PATENT-CLASS-427-226
US-PATENT-CLASS-427-376.6
US-PATENT-CLASS-427-376.7
US-PATENT-CLASS-427-436
US-PATENT-CLASS-427-437
US-PATENT-CLASS-427-58
US-PATENT-CLASS-427-75
US-PATENT-CLASS-427-88
US-PATENT-CLASS-427-96
US-PATENT-4,388,346
N84-16523* c 35 ..... NASA-CASE-LAR-12007-3
US-PATENT-APPL-SN-352831
US-PATENT-CLASS-33-293
US-PATENT-4,428,122
N84-16542* c 36 ..... NASA-CASE-LAR-12870-1
US-PATENT-APPL-SN-317658
US-PATENT-CLASS-372-55
US-PATENT-CLASS-372-79
US-PATENT-4,424,592
N84-16560* c 37 ..... NASA-CASE-MFS-25510-1
US-PATENT-APPL-SN-293414
US-PATENT-CLASS-248-228
US-PATENT-4,422,609
N84-16561* c 37 ..... NASA-CASE-LAR-12785-1
US-PATENT-APPL-SN-297488
US-PATENT-CLASS-239-568
US-PATENT-CLASS-241-95
US-PATENT-CLASS-406-155
US-PATENT-4,428,703
N84-16803* c 54 ..... NASA-CASE-MSC-20202-1
US-PATENT-APPL-SN-414106
US-PATENT-CLASS-128-1A
US-PATENT-CLASS-128-15R
US-PATENT-CLASS-128-38
US-PATENT-4,421,109
N84-16940* c 71 ..... NASA-CASE-NPO-15592-1
US-PATENT-APPL-SN-314702
US-PATENT-CLASS-118-300
US-PATENT-CLASS-118-50
US-PATENT-CLASS-118-50.1
US-PATENT-CLASS-118-500
US-PATENT-CLASS-118-57
US-PATENT-CLASS-118-62
US-PATENT-CLASS-427-346
US-PATENT-CLASS-427-421
US-PATENT-CLASS-427-426
US-PATENT-CLASS-427-57
US-PATENT-CLASS-427-6
US-PATENT-CLASS-65-213
US-PATENT-4,425,376
N84-16959*# c 72 ..... NASA-CASE-NPO-15547-1
US-PATENT-APPL-SN-276076
N84-17555* c 35 ..... NASA-CASE-NPO-15426-1
US-PATENT-APPL-SN-196877
US-PATENT-CLASS-210-748
US-PATENT-CLASS-422-121
US-PATENT-CLASS-422-169
US-PATENT-CLASS-422-178
US-PATENT-CLASS-422-186
US-PATENT-CLASS-55-DIG.25
US-PATENT-CLASS-55-DIG.30
US-PATENT-CLASS-55-105
US-PATENT-CLASS-55-12
US-PATENT-CLASS-55-126
US-PATENT-CLASS-55-131
US-PATENT-CLASS-55-138
US-PATENT-CLASS-55-139
US-PATENT-CLASS-55-145
US-PATENT-CLASS-55-2
US-PATENT-CLASS-55-270
US-PATENT-CLASS-55-283
US-PATENT-CLASS-55-291
US-PATENT-CLASS-55-466
US-PATENT-CLASS-55-6
US-PATENT-CLASS-55-96
US-PATENT-CLASS-60-275
US-PATENT-CLASS-60-303
US-PATENT-CLASS-60-311
US-PATENT-4,376,637
N84-22546* c 04 ..... NASA-CASE-GSC-12508-1
US-PATENT-APPL-SN-266253
US-PATENT-CLASS-343-356
US-PATENT-CLASS-343-357
US-PATENT-4,445,118
N84-22551* c 05 ..... NASA-CASE-LAR-12541-1
US-PATENT-APPL-SN-315588
US-PATENT-CLASS-244-212
US-PATENT-CLASS-244-215
US-PATENT-CLASS-244-216
US-PATENT-CLASS-244-219
US-PATENT-4,444,368
N84-22559* c 07 ..... NASA-CASE-LEW-13622-1
US-PATENT-APPL-SN-350473
US-PATENT-CLASS-364-558
US-PATENT-CLASS-73-115
US-PATENT-4,428,226
N84-22560* c 07 ..... NASA-CASE-LEW-13654-1
US-PATENT-APPL-SN-245571
US-PATENT-CLASS-416-224
US-PATENT-CLASS-416-233
US-PATENT-CLASS-416-92
US-PATENT-CLASS-416-97R
US-PATENT-4,411,597
N84-22601* c 16 ..... NASA-CASE-MSC-20254-1
US-PATENT-APPL-SN-418137
US-PATENT-CLASS-244-158A
US-PATENT-CLASS-52-404
US-PATENT-CLASS-52-506
US-PATENT-4,439,968
N84-22605* c 18 ..... NASA-CASE-MSC-18969-1
US-PATENT-APPL-SN-368189
US-PATENT-CLASS-244-161
US-PATENT-CLASS-403-322
US-PATENT-4,431,333
N84-22609*# c 18 ..... NASA-CASE-MFS-15429-1
US-PATENT-APPL-SN-596959
N84-22610*# c 18 ..... NASA-CASE-MSC-20543-1
US-PATENT-APPL-SN-580574
N84-22612*# c 18 ..... NASA-CASE-ARC-11505-1
US-PATENT-APPL-SN-588036
N84-22695* c 24 ..... NASA-CASE-LEW-13837-1
US-PATENT-APPL-SN-495381
US-PATENT-CLASS-204-192C
US-PATENT-CLASS-204-192R
US-PATENT-CLASS-204-192SP
US-PATENT-CLASS-423-DIG.10
US-PATENT-CLASS-423-414
US-PATENT-CLASS-423-445
US-PATENT-CLASS-423-446
US-PATENT-CLASS-423-449
US-PATENT-4,437,962
N84-22709* c 25 ..... NASA-CASE-NPO-15210-1
US-PATENT-APPL-SN-322312
US-PATENT-CLASS-208-10
US-PATENT-CLASS-208-8LE
US-PATENT-4,443,321
N84-22734* c 26 ..... NASA-CASE-LEW-13349-1
US-PATENT-APPL-SN-350476
US-PATENT-CLASS-29-623.5
US-PATENT-CLASS-427-115
US-PATENT-CLASS-427-125
US-PATENT-CLASS-427-126.6
US-PATENT-CLASS-427-296
US-PATENT-CLASS-427-306
US-PATENT-CLASS-429-223
US-PATENT-CLASS-429-234
US-PATENT-4,439,465
N84-22744* c 27 ..... NASA-CASE-ARC-11402-1
US-PATENT-APPL-SN-366025
US-PATENT-CLASS-260-465.5R
US-PATENT-CLASS-260-465.6
US-PATENT-CLASS-528-362
US-PATENT-CLASS-528-401
US-PATENT-CLASS-528-422
US-PATENT-CLASS-528-423
US-PATENT-CLASS-544-215
US-PATENT-CLASS-564-243
US-PATENT-4,434,106
N84-22745* c 27 ..... NASA-CASE-ARC-11368-3
US-PATENT-APPL-SN-288267
US-PATENT-APPL-SN-512795
US-PATENT-CLASS-428-370
US-PATENT-CLASS-428-408
US-PATENT-CLASS-428-902
US-PATENT-CLASS-428-920
US-PATENT-CLASS-525-417
US-PATENT-CLASS-526-262
US-PATENT-CLASS-528-228
US-PATENT-CLASS-528-322
US-PATENT-CLASS-548-415
US-PATENT-4,395,557
US-PATENT-4,433,115
N84-22746* c 27 ..... NASA-CASE-LAR-12723-2
US-PATENT-APPL-SN-199768
US-PATENT-APPL-SN-447371
US-PATENT-CLASS-525-426
US-PATENT-CLASS-528-183
US-PATENT-CLASS-528-220
US-PATENT-CLASS-528-345
US-PATENT-CLASS-528-348
US-PATENT-4,395,540
US-PATENT-4,431,792
N84-22747* c 27 ..... NASA-CASE-LAR-12931-1
US-PATENT-APPL-SN-433598
US-PATENT-CLASS-524-171
US-PATENT-CLASS-525-534
US-PATENT-CLASS-525-535
US-PATENT-CLASS-525-536
US-PATENT-CLASS-528-25
US-PATENT-CLASS-528-26
US-PATENT-4,431,761
N84-22748* c 27 ..... NASA-CASE-NPO-15640-1
US-PATENT-APPL-SN-465367
US-PATENT-CLASS-156-304.3
US-PATENT-CLASS-156-304.6
US-PATENT-CLASS-156-499
US-PATENT-CLASS-156-81
US-PATENT-CLASS-156-89
US-PATENT-4,420,352
N84-22749* c 27 ..... NASA-CASE-LAR-12980-1
US-PATENT-APPL-SN-469866
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-172
US-PATENT-CLASS-528-185
US-PATENT-4,444,979
N84-22750* c 27 ..... NASA-CASE-ARC-11370-1
US-PATENT-APPL-SN-491125
US-PATENT-CLASS-525-389
US-PATENT-CLASS-528-394
US-PATENT-CLASS-528-399
US-PATENT-CLASS-528-6
US-PATENT-CLASS-528-7
US-PATENT-CLASS-568-4
US-PATENT-CLASS-568-5
US-PATENT-4,444,972
N84-22820* c 32 ..... NASA-CASE-MSC-18675-1
US-PATENT-APPL-SN-266687
US-PATENT-CLASS-343-17.5
US-PATENT-CLASS-343-9R
US-PATENT-4,439,766
N84-22884* c 33 ..... NASA-CASE-MFS-256704-1
US-PATENT-APPL-SN-409679
US-PATENT-CLASS-204-192EC
US-PATENT-4,437,961
N84-22885* c 33 ..... NASA-CASE-MFS-25535-2
US-PATENT-APPL-SN-476244
US-PATENT-CLASS-318-438
US-PATENT-CLASS-318-729
US-PATENT-CLASS-318-798
US-PATENT-CLASS-318-805
US-PATENT-CLASS-318-810
US-PATENT-4,433,276
N84-22886* c 33 ..... NASA-CASE-MFS-25323-1
US-PATENT-APPL-SN-297524
US-PATENT-CLASS-318-729
US-PATENT-CLASS-318-812
US-PATENT-4,439,718
N84-22887* c 33 ..... NASA-CASE-GSC-12567-1
US-PATENT-APPL-SN-373839
US-PATENT-CLASS-330-109
US-PATENT-CLASS-330-277
US-PATENT-CLASS-330-294
US-PATENT-4,437,069
N84-22903* c 34 ..... NASA-CASE-NPO-15465-1
US-PATENT-APPL-SN-284289
US-PATENT-CLASS-126-417
US-PATENT-CLASS-165-DIG.6
US-PATENT-CLASS-165-135
US-PATENT-CLASS-62-DIG.1
US-PATENT-CLASS-62-264
US-PATENT-CLASS-62-467R
US-PATENT-4,423,605
N84-22928* c 35 ..... NASA-CASE-MFS-25687-1
US-PATENT-APPL-SN-350474
US-PATENT-CLASS-324-262
US-PATENT-CLASS-73-620
US-PATENT-CLASS-73-633
US-PATENT-CLASS-74-58
US-PATENT-4,434,659
N84-22929* c 35 ..... NASA-CASE-MFS-25405-1
US-PATENT-APPL-SN-274708
US-PATENT-CLASS-356-347
US-PATENT-4,428,675
N84-22930* c 35 ..... NASA-CASE-LEW-13598-1
US-PATENT-APPL-SN-425203
US-PATENT-CLASS-101-395
US-PATENT-CLASS-156-630
US-PATENT-CLASS-156-654
US-PATENT-CLASS-156-905
US-PATENT-CLASS-228-165
US-PATENT-4,437,923
N84-22931* c 35 ..... NASA-CASE-NPO-15398-1
US-PATENT-APPL-SN-259212
US-PATENT-CLASS-356-216
US-PATENT-CLASS-356-234
US-PATENT-4,431,306
N84-22932* c 35 ..... NASA-CASE-LAR-12967-1
US-PATENT-APPL-SN-414107
US-PATENT-CLASS-310-317
US-PATENT-CLASS-310-334
US-PATENT-CLASS-310-366
US-PATENT-4,446,396

N85-34374* c 35 ..... NASA-CASE-ARC-11503-1
US-PATENT-APPL-SN-582643
US-PATENT-CLASS-250-374
US-PATENT-CLASS-250-379
US-PATENT-4,536,066

N85-34375* c 35 ..... NASA-CASE-LAR-13243-1
US-PATENT-APPL-SN-590923
US-PATENT-CLASS-73-831
US-PATENT-CLASS-73-856
US-PATENT-4,535,636

N85-34401* c 37 ..... NASA-CASE-MFS-25907-1
US-PATENT-APPL-SN-510137
US-PATENT-CLASS-244-118.1
US-PATENT-CLASS-244-158R
US-PATENT-CLASS-248-550
US-PATENT-CLASS-267-150
US-PATENT-CLASS-267-8R
US-PATENT-CLASS-410-156
US-PATENT-4,536,114

N85-34403* c 37 ..... NASA-CASE-MSC-20127-2
US-PATENT-APPL-SN-646044
US-PATENT-CLASS-137-116.3
US-PATENT-CLASS-137-99
US-PATENT-4,509,548

N85-34441* c 44 ..... NASA-CASE-LEW-14077-1
US-PATENT-APPL-SN-580573
US-PATENT-CLASS-136-253
US-PATENT-4,528,417

N85-34629* c 74 ..... NASA-CASE-NPO-15865-1
US-PATENT-APPL-SN-425202
US-PATENT-CLASS-343-13-R
US-PATENT-CLASS-356-5
US-PATENT-4,533,242

N85-34722* c 85 ..... NASA-CASE-NPO-15949-1
US-PATENT-APPL-SN-457990
US-PATENT-CLASS-414-288
US-PATENT-CLASS-414-328
US-PATENT-CLASS-414-373
US-PATENT-CLASS-414-786
US-PATENT-4,537,554

N85-35194* c 07 ..... NASA-CASE-LAR-13019-1
US-PATENT-APPL-SN-576308
US-PATENT-CLASS-244-199
US-PATENT-CLASS-244-55
US-PATENT-4,533,101

N85-35195* c 07 ..... NASA-CASE-LEW-13562-2
US-PATENT-APPL-SN-500651
US-PATENT-CLASS-239-402.5
US-PATENT-CLASS-60-39.23
US-PATENT-CLASS-60-748
US-PATENT-4,534,166

N85-35200* c 08 ..... NASA-CASE-LAR-13076-1
US-PATENT-APPL-SN-532342
US-PATENT-CLASS-244-113
US-PATENT-CLASS-244-139
US-PATENT-CLASS-244-75-R
US-PATENT-4,538,778

N85-35227* c 23 ..... NASA-CASE-NPO-16203-1
US-PATENT-APPL-SN-493179
US-PATENT-CLASS-435-160
US-PATENT-CLASS-435-842
US-PATENT-4,539,293

N85-35233* c 24 ..... NASA-CASE-LEW-14057-1
US-PATENT-APPL-SN-375784
US-PATENT-APPL-SN-523297
US-PATENT-APPL-SN-640712
US-PATENT-CLASS-428-633
US-PATENT-CLASS-428-656
US-PATENT-CLASS-428-678
US-PATENT-CLASS-428-679
US-PATENT-CLASS-428-680
US-PATENT-CLASS-428-681
US-PATENT-CLASS-428-682
US-PATENT-4,485,151
US-PATENT-4,535,033

N85-35253* c 25 ..... NASA-CASE-NPO-15924-1
US-PATENT-APPL-SN-526768
US-PATENT-CLASS-201-17
US-PATENT-CLASS-44-1-SR
US-PATENT-4,511,362

N85-35267* c 26 ..... NASA-CASE-LEW-13923-1
US-PATENT-APPL-SN-571617
US-PATENT-CLASS-427-191
US-PATENT-CLASS-427-228
US-PATENT-CLASS-427-294
US-PATENT-CLASS-427-376.2
US-PATENT-CLASS-427-380
US-PATENT-CLASS-427-397.7
US-PATENT-CLASS-428-698
US-PATENT-CLASS-428-704
US-PATENT-4,535,035

N86-12547* c 34 ..... NASA-CASE-LAR-13220-1
US-PATENT-APPL-SN-633179
US-PATENT-CLASS-73-3
US-PATENT-CLASS-73-861.07
US-PATENT-4,538,446

N86-19304* c 04 ..... NASA-CASE-KSC-11155-1
US-PATENT-APPL-SN-425201
US-PATENT-CLASS-343-6.8-R
US-PATENT-4,540,986

N86-19310* c 05 ..... NASA-CASE-LAR-13155-1
US-PATENT-APPL-SN-469371
US-PATENT-CLASS-244-158-A
US-PATENT-CLASS-244-158-R
US-PATENT-CLASS-244-172
US-PATENT-4,557,444

N86-19376* c 23 ..... NASA-CASE-ARC-11428-1
US-PATENT-APPL-SN-499126
US-PATENT-CLASS-260-927-N
US-PATENT-CLASS-428-410
US-PATENT-CLASS-528-310
US-PATENT-CLASS-548-413
US-PATENT-CLASS-564-113
US-PATENT-4,550,177

N86-19380* c 24 ..... NASA-CASE-ARC-11427-1
US-PATENT-APPL-SN-493865
US-PATENT-CLASS-523-433
US-PATENT-CLASS-523-445
US-PATENT-CLASS-523-66468
US-PATENT-CLASS-525-423
US-PATENT-CLASS-525-527
US-PATENT-CLASS-528-102
US-PATENT-CLASS-528-103
US-PATENT-4,550,129

N86-19413* c 25 ..... NASA-CASE-MSC-20622-1
US-PATENT-APPL-SN-571616
US-PATENT-CLASS-374-46
US-PATENT-CLASS-374-8
US-PATENT-CLASS-422-78
US-PATENT-CLASS-436-155
US-PATENT-CLASS-73-7
US-PATENT-4,561,784

N86-19455* c 27 ..... NASA-CASE-ARC-11405-2
US-PATENT-APPL-SN-514117
US-PATENT-CLASS-260-245.75
US-PATENT-CLASS-260-245.9
US-PATENT-CLASS-528-327
US-PATENT-4,522,755

N86-19456* c 27 ..... NASA-CASE-LAR-13135-1
US-PATENT-APPL-SN-649328
US-PATENT-CLASS-525-432
US-PATENT-CLASS-525-436
US-PATENT-CLASS-528-179
US-PATENT-CLASS-528-182
US-PATENT-CLASS-528-185
US-PATENT-CLASS-528-352
US-PATENT-CLASS-528-353
US-PATENT-4,552,931

N86-19457* c 27 ..... NASA-CASE-LEW-13864-1
US-PATENT-APPL-SN-434087
US-PATENT-CLASS-528-229
US-PATENT-CLASS-528-322
US-PATENT-CLASS-528-342
US-PATENT-CLASS-528-345
US-PATENT-4,560,742

N86-19458* c 27 ..... NASA-CASE-LEW-14072-1
US-PATENT-APPL-SN-649330
US-PATENT-CLASS-204-192-C
US-PATENT-CLASS-204-192-D
US-PATENT-CLASS-204-192-R
US-PATENT-CLASS-204/298
US-PATENT-CLASS-427-248.1
US-PATENT-CLASS-427-38
US-PATENT-CLASS-428-446
US-PATENT-CLASS-428-473.5
US-PATENT-CLASS-428-702
US-PATENT-4,560,577

N86-19479* c 31 ..... NASA-CASE-LAR-13098-1
US-PATENT-APPL-SN-530339
US-PATENT-CLASS-16-242
US-PATENT-CLASS-16-390
US-PATENT-CLASS-403-171
US-PATENT-CLASS-403-64
US-PATENT-CLASS-52-632
US-PATENT-CLASS-52-637
US-PATENT-CLASS-52-646
US-PATENT-CLASS-52-648
US-PATENT-4,557,097

N86-19515* c 33 ..... NASA-CASE-GSC-12555-1
US-PATENT-APPL-SN-153240
US-PATENT-CLASS-331-116-FE
US-PATENT-CLASS-331-117-FE
US-PATENT-4,553,110

N86-19516* c 33 ..... NASA-CASE-NPO-16112-1
US-PATENT-APPL-SN-542232
US-PATENT-CLASS-357-23.6
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-58
US-PATENT-CLASS-357-59
US-PATENT-4,531,143

N86-19580* c 35 ..... NASA-CASE-GSC-12795-1
US-PATENT-APPL-SN-462508
US-PATENT-CLASS-374-115
US-PATENT-CLASS-374-120
US-PATENT-CLASS-374-163
US-PATENT-4,556,327

N86-19581* c 35 ..... NASA-CASE-MSC-20250-1
US-PATENT-APPL-SN-491113
US-PATENT-CLASS-73-862.01
US-PATENT-CLASS-73-862.54
US-PATENT-4,557,149

N86-19603* c 37 ..... NASA-CASE-MFS-25949-1
US-PATENT-APPL-SN-538063
US-PATENT-CLASS-414-730
US-PATENT-CLASS-901-31
US-PATENT-CLASS-901-50
US-PATENT-4,545,723

N86-19604* c 37 ..... NASA-CASE-NPO-15960-1
US-PATENT-APPL-SN-527613
US-PATENT-CLASS-337-140
US-PATENT-CLASS-60-527
US-PATENT-CLASS-60-528
US-PATENT-4,553,393

N86-19605* c 37 ..... NASA-CASE-NPO-16038-1
US-PATENT-APPL-SN-469864
US-PATENT-CLASS-16-294
US-PATENT-CLASS-403-113
US-PATENT-CLASS-403-120
US-PATENT-4,558,967

N86-19606* c 37 ..... NASA-CASE-LEW-13670-1
US-PATENT-APPL-SN-603374
US-PATENT-CLASS-384-103
US-PATENT-CLASS-384-106
US-PATENT-4,552,466

N86-19711* c 43 ..... NASA-CASE-NPO-15939-1
US-PATENT-APPL-SN-465365
US-PATENT-CLASS-343-5-CD
US-PATENT-CLASS-343-5-CM
US-PATENT-CLASS-343-5-VQ
US-PATENT-CLASS-367-88
US-PATENT-4,551,724

N86-19721* c 44 ..... NASA-CASE-LEW-14028-1
US-PATENT-APPL-SN-642310
US-PATENT-CLASS-429-109
US-PATENT-CLASS-429-15
US-PATENT-CLASS-429-19
US-PATENT-CLASS-429-51
US-PATENT-4,543,302

N86-19885*# c 52 ..... NAS 1.71:GSC-12944-1
NASA-CASE-GSC-12944-1
US-PATENT-APPL-SN-793006

N86-20124* c 74 ..... NASA-CASE-MFS-25942-1
US-PATENT-APPL-SN-571613
US-PATENT-CLASS-378-43
US-PATENT-CLASS-378-85
US-PATENT-4,562,583

N86-20125* c 74 ..... NASA-CASE-ARC-11502-1
US-PATENT-APPL-SN-594134
US-PATENT-CLASS-350-276-R
US-PATENT-CLASS-350-319
US-PATENT-CLASS-350-448
US-PATENT-CLASS-350-537
US-PATENT-CLASS-350-580
US-PATENT-4,542,963

N86-20126* c 74 ..... NASA-CASE-MSC-20418-1
US-PATENT-APPL-SN-438446
US-PATENT-CLASS-378-58
US-PATENT-CLASS-378-59
US-PATENT-4,542,520

N86-20150* c 76 ..... NASA-CASE-GSC-12816-1
US-PATENT-APPL-SN-507625
US-PATENT-CLASS-136-255
US-PATENT-CLASS-136-262
US-PATENT-CLASS-29-572
US-PATENT-CLASS-357-15
US-PATENT-CLASS-357-30
US-PATENT-4,543,442

N86-20389* c 07 ..... NASA-CASE-LEW-13142-2
US-PATENT-APPL-SN-413101
US-PATENT-CLASS-60-39.02
US-PATENT-CLASS-60-39.07
US-PATENT-CLASS-60-736
US-PATENT-4,550,561

N86-20469* c 18 ..... NASA-CASE-MFS-25429-1
US-PATENT-APPL-SN-596959
US-PATENT-CLASS-124-56
US-PATENT-CLASS-244-158-R
US-PATENT-CLASS-403-328
US-PATENT-4,554,905

N86-20560* c 27 ..... NASA-CASE-ARC-11429-1-CU
US-PATENT-APPL-SN-553339
US-PATENT-CLASS-524-548
US-PATENT-CLASS-525-186
US-PATENT-CLASS-526-262
US-PATENT-CLASS-526-265
US-PATENT-4,526,925

N86-20561* c 27 ..... NASA-CASE-LAR-13384-1
US-PATENT-APPL-SN-663840

US-PATENT-CLASS-156-307
US-PATENT-CLASS-156-309.9
US-PATENT-CLASS-156-331.5
US-PATENT-CLASS-256-308.2
US-PATENT-CLASS-427-385.5
US-PATENT-CLASS-427-388.1
US-PATENT-CLASS-428-458
US-PATENT-CLASS-428-473.5
US-PATENT-4,543,295

N86-20647* c 32 ..... NASA-CASE-MFS-25750-1
US-PATENT-APPL-SN-530185
US-PATENT-CLASS-250-225
US-PATENT-CLASS-350-354
US-PATENT-CLASS-358-168
US-PATENT-4,546,248

N86-20668* c 33 ..... NASA-CASE-GSC-12804-1
US-PATENT-APPL-SN-529803
US-PATENT-CLASS-331-1-A
US-PATENT-CLASS-331-2
US-PATENT-4,550,292

N86-20669* c 33 ..... NASA-CASE-GSC-12899-1
US-PATENT-APPL-SN-613140
US-PATENT-CLASS-191-12.2-R
US-PATENT-CLASS-242-107
US-PATENT-CLASS-242-54-R
US-PATENT-4,542,858

N86-20670* c 33 ..... NASA-CASE-MFS-25868-1
US-PATENT-APPL-SN-638584
US-PATENT-CLASS-330-258
US-PATENT-CLASS-330-261
US-PATENT-CLASS-330-311
US-PATENT-4,551,687

N86-20671* c 33 ..... NASA-CASE-LEW-13773-2
US-PATENT-APPL-SN-638541
US-PATENT-CLASS-244-134-D
US-PATENT-CLASS-310-324
US-PATENT-CLASS-39-25.35
US-PATENT-4,545,553

N86-20672* c 33 ..... NASA-CASE-LEW-13922-1
US-PATENT-APPL-SN-537614
US-PATENT-CLASS-307-264
US-PATENT-CLASS-307-270
US-PATENT-CLASS-307-566
US-PATENT-CLASS-307-570
US-PATENT-CLASS-307-572
US-PATENT-4,547,686

N86-20680* # c 33 ..... NAS 1.71:LEW-14127-1
NASA-CASE-LEW-14127-1
US-PATENT-APPL-SN-748536

N86-20681* # c 33 ..... NAS 1.71:NPO-16420-1
NASA-CASE-NPO-16420-1
US-PATENT-APPL-SN-727838

N86-20750* c 35 ..... NASA-CASE-MFS-25963-1
US-PATENT-APPL-SN-571614
US-PATENT-CLASS-165-30
US-PATENT-CLASS-165-61
US-PATENT-CLASS-165-65
US-PATENT-CLASS-219-390
US-PATENT-CLASS-219-395
US-PATENT-CLASS-219-396
US-PATENT-CLASS-432-18
US-PATENT-4,544,025

N86-20751* c 35 ..... NASA-CASE-ARC-11422-1
US-PATENT-APPL-SN-523991
US-PATENT-CLASS-211-126
US-PATENT-CLASS-211-74
US-PATENT-4,544,068

N86-20752* c 35 ..... NASA-CASE-NPO-16142-1-CU
US-PATENT-APPL-SN-561433
US-PATENT-CLASS-73-505
US-PATENT-4,549,435

N86-20756* # c 35 ..... NAS 1.71:MSC-20783-1
NASA-CASE-MSC-20783-1
US-PATENT-APPL-SN-738931

N86-20788* c 37 ..... NASA-CASE-MFS-25842-2
US-PATENT-APPL-SN-692875
US-PATENT-CLASS-277-53
US-PATENT-CLASS-415-174
US-PATENT-4,545,586

N86-20789* c 37 ..... NASA-CASE-MFS-25906-1
US-PATENT-APPL-SN-537757
US-PATENT-CLASS-212-230
US-PATENT-CLASS-414-4
US-PATENT-CLASS-414-718
US-PATENT-CLASS-414-753
US-PATENT-CLASS-901-25
US-PATENT-CLASS-901-31
US-PATENT-4,547,121

N86-20797* # c 37 ..... NAS 1.71:ARC-11349-1
NASA-CASE-ARC-11349-1
US-PATENT-APPL-SN-746160

N86-20801* # c 37 ..... NAS 1.71:NPO-16233-1
NASA-CASE-NPO-16233-1
US-PATENT-APPL-SN-737018

N86-20841* c 39 ..... NASA-CASE-MFS-25910-1
US-PATENT-APPL-SN-548582
US-PATENT-CLASS-73-150-A
US-PATENT-CLASS-73-827
US-PATENT-4,548,083

N86-21154* c 60 ..... NASA-CASE-LAR-12968-1
US-PATENT-APPL-SN-523560
US-PATENT-CLASS-364-728
US-PATENT-4,545,025

N86-21276* c 71 ..... NASA-CASE-LAR-13153-1
US-PATENT-APPL-SN-590921
US-PATENT-CLASS-72-324
US-PATENT-CLASS-72-341
US-PATENT-CLASS-73-1-DV
US-PATENT-4,558,585

N86-21348* c 74 ..... NASA-CASE-MFS-25752-1
US-PATENT-APPL-SN-473499
US-PATENT-CLASS-350-335
US-PATENT-CLASS-356-345
US-PATENT-CLASS-356-4.5
US-PATENT-CLASS-358-105
US-PATENT-CLASS-358-125
US-PATENT-CLASS-358-88
US-PATENT-CLASS-364-822
US-PATENT-CLASS-382-42
US-PATENT-4,556,986

N86-21582* c 23 ..... NASA-CASE-ARC-11402-3
US-PATENT-APPL-SN-741405
US-PATENT-CLASS-564-243
US-PATENT-4,567,301

N86-21590* c 24 ..... NASA-CASE-ARC-11538-1SB
US-PATENT-APPL-SN-719796
US-PATENT-CLASS-526-262
US-PATENT-4,568,733

N86-21675* c 27 ..... NASA-CASE-LAR-12931-2
US-PATENT-APPL-SN-527914
US-PATENT-CLASS-260-544-D
US-PATENT-CLASS-556-436
US-PATENT-CLASS-585-24
US-PATENT-4,565,886

N86-21718* c 31 ..... NASA-CASE-MFS-25905-2
US-PATENT-APPL-SN-601130
US-PATENT-CLASS-65-1
US-PATENT-CLASS-65-11.1
US-PATENT-CLASS-65-12
US-PATENT-CLASS-65-2
US-PATENT-4,565,557

N86-21742* c 33 ..... NASA-CASE-LEW-13981-2
US-PATENT-APPL-SN-714051
US-PATENT-CLASS-315-3.5
US-PATENT-CLASS-315-3.6
US-PATENT-CLASS-315-39.3
US-PATENT-CLASS-330-43
US-PATENT-4,564,787

N86-21850* c 37 ..... NASA-CASE-MFS-25807-2
US-PATENT-APPL-SN-685607
US-PATENT-CLASS-219-124.34
US-PATENT-CLASS-318-577
US-PATENT-CLASS-358-101
US-PATENT-CLASS-901-42
US-PATENT-CLASS-901-47
US-PATENT-4,567,348

N86-22112* c 54 ..... NASA-CASE-LAR-12259-2
US-PATENT-APPL-SN-280152
US-PATENT-CLASS-128-80-E
US-PATENT-4,566,447

N86-22459* # c 89 ..... NAS 1.71:MFS-28013-1
NASA-CASE-MFS-28013-1
US-PATENT-APPL-SN-765979

N86-24224* # c 60 ..... NAS 1.71:NPO-16464-1CU
NASA-CASE-NPO-16464-1CU
US-PATENT-APPL-SN-815099

N86-24729* c 18 ..... NASA-CASE-MSC-20676-1
US-PATENT-APPL-SN-587764
US-PATENT-CLASS-244-159
US-PATENT-4,579,302

N86-24841* # c 27 ..... NAS 1.71:LAR-13292-1
NASA-CASE-LAR-13292-1
US-PATENT-APPL-SN-834978

N86-25269* # c 76 ..... NAS 1.71:NPO-16584-1-CU
NASA-CASE-NPO-16584-1-CU
US-PATENT-APPL-SN-802769

N86-25416* c 24 ..... NASA-CASE-ARC-11421-3
US-PATENT-APPL-SN-771538
US-PATENT-CLASS-428-473.5
US-PATENT-CLASS-428-474.4
US-PATENT-CLASS-428-477.7
US-PATENT-CLASS-528-170
US-PATENT-CLASS-528-220
US-PATENT-CLASS-528-321
US-PATENT-CLASS-528-322
US-PATENT-4,579-782

N86-25428* c 25 ..... NASA-CASE-NPO-16392-1
US-PATENT-APPL-SN-633363
US-PATENT-CLASS-208-11
US-PATENT-CLASS-48-197-R
US-PATENT-CLASS-8-DIG.9
US-PATENT-4,582,590

N86-25752* c 35 ..... NASA-CASE-MFS-28030-1
US-PATENT-APPL-SN-719799
US-PATENT-CLASS-73-861.58
US-PATENT-4,572,004

N86-25753* c 35 ..... NASA-CASE-NPO-16271-1
US-PATENT-APPL-SN-556514
US-PATENT-CLASS-356-311
US-PATENT-CLASS-356-318
US-PATENT-4,585,344

N86-25789* c 37 ..... NASA-CASE-LAR-13117-1
US-PATENT-APPL-SN-556512
US-PATENT-CLASS-244-159
US-PATENT-CLASS-244-173
US-PATENT-CLASS-343-881
US-PATENT-CLASS-343-882
US-PATENT-CLASS-52-111
US-PATENT-CLASS-52-645
US-PATENT-CLASS-52-648
US-PATENT-4,578,920

N86-25790* c 37 ..... NASA-CASE-LEW-14170-1
US-PATENT-APPL-SN-672224
US-PATENT-CLASS-227-27
US-PATENT-CLASS-227-28
US-PATENT-4,580-791

N86-25791* c 37 ..... NASA-CASE-LAR-13169-1
US-PATENT-APPL-SN-606431
US-PATENT-CLASS-343-DIG.2
US-PATENT-CLASS-343-883
US-PATENT-CLASS-52-110
US-PATENT-4,587,526

N86-25874* c 44 ..... NASA-CASE-LEW-13822-1
US-PATENT-APPL-SN-625077
US-PATENT-CLASS-42-101
US-PATENT-CLASS-429-27
US-PATENT-CLASS-429-57
US-PATENT-4,584,249

N86-26190* c 74 ..... NASA-CASE-GSC-12849-1
US-PATENT-APPL-SN-556481
US-PATENT-CLASS-250-228
US-PATENT-CLASS-356-236
US-PATENT-CLASS-356-244
US-PATENT-CLASS-356-446
US-PATENT-CLASS-56-73
US-PATENT-4,583,860

N86-26352* c 16 ..... NASA-CASE-MFS-25966-1
US-PATENT-APPL-SN-643522
US-PATENT-CLASS-244-161
US-PATENT-4,582,277

N86-26368* c 20 ..... NASA-CASE-MFS-25946-1
US-PATENT-APPL-SN-561432
US-PATENT-CLASS-244-158.R
US-PATENT-CLASS-244-169
US-PATENT-CLASS-60-203.1
US-PATENT-CLASS-60-39.465
US-PATENT-4,585,191

N86-26595* c 35 ..... NASA-CASE-MSC-20653-1
US-PATENT-APPL-SN-659474
US-PATENT-CLASS-73-863.21
US-PATENT-CLASS-73-863.31
US-PATENT-CLASS-73-863.72
US-PATENT-CLASS-73-864.34
US-PATENT-4,584,887

N86-26598* # c 35 ..... NAS 1.71:MFS-26002-1-CU
NASA-CASE-MFS-26002-1-CU
US-PATENT-APPL-SN-765991

N86-27270* c 04 ..... NASA-CASE-NPO-16171-1CU
US-PATENT-APPL-SN-551536
US-PATENT-CLASS-343-357
US-PATENT-CLASS-343-418
US-PATENT-4,578,678

N86-27280* c 06 ..... NASA-CASE-LAR-12518-1
US-PATENT-APPL-SN-578388
US-PATENT-CLASS-244-181
US-PATENT-CLASS-340-968
US-PATENT-CLASS-364-433
US-PATENT-CLASS-364-435
US-PATENT-CLASS-73-178T
US-PATENT-4,586,140

N86-27288* c 08 ..... NASA-CASE-ARC-11372-1
US-PATENT-APPL-SN-415878
US-PATENT-CLASS-200-157
US-PATENT-CLASS-244-234
US-PATENT-CLASS-250-211K
US-PATENT-CLASS-318-584
US-PATENT-CLASS-318-640
US-PATENT-4,584,510

N86-27431* c 25 ..... NASA-CASE-MSC-20206-1
US-PATENT-APPL-SN-478129
US-PATENT-CLASS-141-198
US-PATENT-CLASS-200-61.05
US-PATENT-CLASS-340-605
US-PATENT-4,591,838

N86-27450* c 27 ..... NASA-CASE-LAR-13316-1
US-PATENT-APPL-SN-613139
US-PATENT-CLASS-260-544P
US-PATENT-CLASS-525-534

US-PATENT-CLASS-455-608
US-PATENT-4,648,133
N87-21232* c 33 ..... NASA-CASE-GSC-13018-1
US-PATENT-APPL-SN-862959
US-PATENT-CLASS-331-116-R
US-PATENT-CLASS-331-117-R
US-PATENT-CLASS-331-56
US-PATENT-4,660,000
N87-21233* c 33 ..... NASA-CASE-MFS-28080-1
US-PATENT-APPL-SN-775548
US-PATENT-CLASS-318-138
US-PATENT-CLASS-318-254
US-PATENT-CLASS-318-439
US-PATENT-4,644,234
N87-21234* c 33 ..... NASA-CASE-LEW-13935-1
US-PATENT-APPL-SN-700255
US-PATENT-CLASS-250-423-R
US-PATENT-CLASS-315-111.81
US-PATENT-4,642,523
N87-21235* c 33 ..... NASA-CASE-LAR-13151-1
US-PATENT-APPL-SN-683101
US-PATENT-CLASS-307-261
US-PATENT-CLASS-307-354
US-PATENT-CLASS-328-147
US-PATENT-CLASS-328-164
US-PATENT-CLASS-328-28
US-PATENT-4,652,833
N87-21255* c 34 ..... NASA-CASE-ARC-11631-1
US-PATENT-APPL-SN-846428
US-PATENT-CLASS-239-426
US-PATENT-CLASS-239-434
US-PATENT-CLASS-239-545
US-PATENT-CLASS-73-147
US-PATENT-4,648,267
N87-21304* c 35 ..... NASA-CASE-NPO-15617-1
US-PATENT-APPL-SN-403849
US-PATENT-CLASS-74-424.8-R
US-PATENT-CLASS-74-441
US-PATENT-CLASS-74-458
US-PATENT-CLASS-74-468
US-PATENT-CLASS-74-89.15
US-PATENT-4,586,394
N87-21332* c 37 ..... NASA-CASE-MFS-28058-1
US-PATENT-APPL-SN-751691
US-PATENT-CLASS-137-606
US-PATENT-CLASS-251-165
US-PATENT-4,657,044
N87-21333* c 37 ..... NASA-CASE-MFS-25956-1
US-PATENT-APPL-SN-580397
US-PATENT-CLASS-248-316.4
US-PATENT-CLASS-248-550
US-PATENT-4,582,289
N87-21334* c 37 ..... NASA-CASE-NPO-16423-1-CU
US-PATENT-APPL-SN-765978
US-PATENT-CLASS-228-124
US-PATENT-CLASS-228-208
US-PATENT-CLASS-228-209
US-PATENT-CLASS-427-229
US-PATENT-4,650,108
N87-21410* c 44 ..... NASA-CASE-MFS-25978-1
US-PATENT-APPL-SN-636459
US-PATENT-CLASS-307-131
US-PATENT-CLASS-307-31
US-PATENT-CLASS-307-64
US-PATENT-CLASS-307-66
US-PATENT-CLASS-307-80
US-PATENT-CLASS-318-107
US-PATENT-CLASS-318-161
US-PATENT-4,649,287
N87-21591* c 60 ..... NASA-CASE-NPO-15982-1
US-PATENT-APPL-SN-673685
US-PATENT-CLASS-371-37
US-PATENT-CLASS-371-40
US-PATENT-4,649,541
N87-21652* c 71 ..... NASA-CASE-LAR-13111-1-CU
US-PATENT-APPL-SN-751695
US-PATENT-CLASS-73-583
US-PATENT-CLASS-73-589
US-PATENT-CLASS-73-599
US-PATENT-4,644,794
N87-21653* c 71 ..... NASA-CASE-LAR-13440-1
US-PATENT-APPL-SN-775989
US-PATENT-CLASS-73-1-DV
US-PATENT-CLASS-73-599
US-PATENT-4,649,750
N87-21660* c 72 ..... NASA-CASE-NPO-16061-1-CU
US-PATENT-APPL-SN-729768
US-PATENT-CLASS-250-288
US-PATENT-CLASS-250-423-R
US-PATENT-CLASS-250-424
US-PATENT-CLASS-250-427
US-PATENT-CLASS-313-359.1
US-PATENT-CLASS-313-361.1
US-PATENT-CLASS-313-362.1
US-PATENT-4,649,278
N87-21661* c 72 ..... NASA-CASE-NPO-16640-1-CU
US-PATENT-APPL-SN-852468
US-PATENT-CLASS-250-251
US-PATENT-CLASS-250-396-R
US-PATENT-CLASS-250-423-P
US-PATENT-CLASS-376-127
US-PATENT-4,649,273
N87-21679* c 74 ..... NASA-CASE-GSC-12897-1
US-PATENT-APPL-SN-606432
US-PATENT-CLASS-350-6.5
US-PATENT-4,647,144
N87-21755* c 85 ..... NASA-CASE-KSC-11282-1
US-PATENT-APPL-SN-751644
US-PATENT-CLASS-180-19.2
US-PATENT-CLASS-180-305
US-PATENT-CLASS-280-47.11
US-PATENT-CLASS-296-20
US-PATENT-CLASS-5-81-R
US-PATENT-CLASS-60-415
US-PATENT-4,646,860
N87-22678* c 06 ..... NASA-CASE-LAR-12984-1
US-PATENT-APPL-SN-578387
US-PATENT-CLASS-244-1-R
US-PATENT-CLASS-340-945
US-PATENT-CLASS-340-971
US-PATENT-CLASS-340-975
US-PATENT-CLASS-73-178-R
US-PATENT-4,663-627
N87-22845* c 27 ..... NASA-CASE-ARC-11429-2-CU
US-PATENT-APPL-SN-553339
US-PATENT-APPL-SN-725727
US-PATENT-CLASS-524-404
US-PATENT-CLASS-524-548
US-PATENT-CLASS-525-182
US-PATENT-CLASS-526-262
US-PATENT-4,526,925
US-PATENT-4,647,615
N87-22847* c 27 ..... NASA-CASE-LAR-13444-1-CU
US-PATENT-APPL-SN-734366
US-PATENT-CLASS-528-229
US-PATENT-CLASS-546-262
US-PATENT-CLASS-546-264
US-PATENT-CLASS-564-330
US-PATENT-CLASS-564-396
US-PATENT-CLASS-564-430
US-PATENT-4,663,483
N87-22848* c 27 ..... NASA-CASE-LAR-13452-1
US-PATENT-APPL-SN-838655
US-PATENT-CLASS-525-36
US-PATENT-CLASS-528-176
US-PATENT-CLASS-528-184
US-PATENT-CLASS-528-192
US-PATENT-CLASS-528-193
US-PATENT-4,661,558
N87-22894* c 33 ..... NASA-CASE-NPO-16337-1-CU
US-PATENT-APPL-SN-683111
US-PATENT-CLASS-324-158-D
US-PATENT-CLASS-324-158-R
US-PATENT-4,661,770
N87-22895* c 33 ..... NASA-CASE-GSC-12961-1
US-PATENT-APPL-SN-754707
US-PATENT-CLASS-307-490
US-PATENT-CLASS-330-107
US-PATENT-CLASS-330-294
US-PATENT-CLASS-331-177-R
US-PATENT-CLASS-333-214
US-PATENT-CLASS-333-217
US-PATENT-4,644,306
N87-22950* c 34 ..... NASA-CASE-MSC-20841-1
US-PATENT-APPL-SN-755288
US-PATENT-CLASS-165-1
US-PATENT-CLASS-165-104.14
US-PATENT-CLASS-165-104.25
US-PATENT-CLASS-165-104.26
US-PATENT-CLASS-165-34
US-PATENT-4,664,177
N87-22953* c 35 ..... NASA-CASE-NPO-16544-1-CU
US-PATENT-APPL-SN-746809
US-PATENT-CLASS-324-61-R
US-PATENT-CLASS-73-336.5
US-PATENT-4,662,220
N87-22976* c 37 ..... NASA-CASE-LAR-13009-2
US-PATENT-APPL-SN-495380
US-PATENT-APPL-SN-698279
US-PATENT-CLASS-411-166
US-PATENT-CLASS-411-368
US-PATENT-CLASS-411-424
US-PATENT-CLASS-411-427
US-PATENT-CLASS-411-531
US-PATENT-4,572,699
US-PATENT-4,650,385
N87-22977* c 37 ..... NASA-CASE-MFS-25964-2
US-PATENT-APPL-SN-692801
US-PATENT-APPL-SN-853361
US-PATENT-CLASS-285-305
US-PATENT-CLASS-285-81
US-PATENT-CLASS-285-85
US-PATENT-CLASS-285-91
US-PATENT-4,655,482
N87-22985* c 37 ..... NASA-CASE-MSC-20979-1
US-PATENT-APPL-SN-796053
US-PATENT-CLASS-244/161
US-PATENT-4,664,344
N87-23259* c 74 ..... NASA-CASE-NPO-16558-1-CU
US-PATENT-APPL-SN-779744
US-PATENT-CLASS-250-231-GY
US-PATENT-CLASS-356-350
US-PATENT-4,662,751
N87-23286* c 76 ..... NASA-CASE-NPO-15800-2
US-PATENT-APPL-SN-442815
US-PATENT-APPL-SN-674395
US-PATENT-CLASS-156-607
US-PATENT-CLASS-156-617-H
US-PATENT-CLASS-156-617-SP
US-PATENT-4,654,110
N87-23631* c 08 ..... NASA-CASE-ARC-11633-1
US-PATENT-APPL-SN-846439
US-PATENT-CLASS-416-114
US-PATENT-CLASS-416-158
US-PATENT-4,669,958
N87-23698* c 23 ..... NASA-CASE-ARC-11643-1-SB
US-PATENT-APPL-SN-901496
US-PATENT-CLASS-423-276
US-PATENT-CLASS-423-284
US-PATENT-4,676,962
N87-23713* # c 25 ..... NASA-CASE-LAR-13597-1-CU
US-PATENT-APPL-SN-008199
N87-23736* c 27 ..... NASA-CASE-LEW-14072-3
US-PATENT-APPL-SN-834977
US-PATENT-CLASS-428-421
US-PATENT-CLASS-428-422
US-PATENT-CLASS-428-447
US-PATENT-CLASS-428-473.5
US-PATENT-CLASS-428-702
US-PATENT-4,664,980
N87-23737* # c 27 ..... NAS 1.71:ARC-11652-1
NASA-CASE-ARC-11652-1
US-PATENT-APPL-SN-008242
N87-23751* c 27 ..... NASA-CASE-ARC-11533-1
US-PATENT-APPL-SN-641147
US-PATENT-CLASS-548-413
US-PATENT-4,670,565
N87-23879* c 33 ..... NASA-CASE-NPO-16467-1-CU
US-PATENT-APPL-SN-838648
US-PATENT-CLASS-136-249
US-PATENT-CLASS-136-255
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-35
US-PATENT-4,665,277
N87-23904* c 33 ..... NASA-CASE-GSC-12773-2
US-PATENT-APPL-SN-809851
US-PATENT-CLASS-290-1-R
US-PATENT-CLASS-310-15
US-PATENT-CLASS-310-30
US-PATENT-4,675,563
N87-23941* # c 35 ..... NAS 1.71:LAR-13689-1
NASA-CASE-LAR-13689-1-NP
US-PATENT-APPL-SN-929869
N87-23944* c 35 ..... NASA-CASE-MFS-28087-1
US-PATENT-APPL-SN-805010
US-PATENT-CLASS-373-10
US-PATENT-CLASS-373-15
US-PATENT-4,677,642
N87-23960* c 36 ..... NASA-CASE-NPO-16542-1-CU
US-PATENT-APPL-SN-781812
US-PATENT-CLASS-350-3.73
US-PATENT-CLASS-350-3.81
US-PATENT-CLASS-372-103
US-PATENT-CLASS-372-18
US-PATENT-CLASS-372-43
US-PATENT-4,677,629
N87-23961* c 36 ..... NASA-CASE-NPO-16433-1
US-PATENT-APPL-SN-790594
US-PATENT-CLASS-372-68
US-PATENT-CLASS-372-81
US-PATENT-4,677,636
N87-23970* c 37 ..... NASA-CASE-NPO-15482-1
US-PATENT-APPL-SN-526739
US-PATENT-CLASS-310-306
US-PATENT-CLASS-337-393
US-PATENT-4,665,334
N87-23981* c 37 ..... NASA-CASE-MSC-20797-1
US-PATENT-APPL-SN-771537
US-PATENT-CLASS-156-286
US-PATENT-CLASS-156-289
US-PATENT-CLASS-156-298
US-PATENT-CLASS-156-307.1
US-PATENT-CLASS-156-307.3
US-PATENT-CLASS-156-307.7
US-PATENT-CLASS-156-87
US-PATENT-4,676,853
N87-23982* c 37 ..... NASA-CASE-LAR-13100-1
US-PATENT-APPL-SN-831377

US-PATENT-CLASS-62-514R
US-PATENT-4,697,425
N88-14270* c 33 ..... NASA-CASE-NPO-16764-1-CU
US-PATENT-APPL-SN-904513
US-PATENT-CLASS-439-271
US-PATENT-CLASS-439-578
US-PATENT-4,698,028
N88-14271* c 33 ..... NASA-CASE-GSC-12782-1
US-PATENT-APPL-SN-399074
US-PATENT-CLASS-357-231
US-PATENT-CLASS-357-24
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-56
US-PATENT-CLASS-357-61
US-PATENT-CLASS-357-65
US-PATENT-4,709,252
N88-14350* c 36 ..... NASA-CASE-ARC-11634-1
US-PATENT-APPL-SN-846427
US-PATENT-CLASS-350-163
US-PATENT-CLASS-350-174
US-PATENT-CLASS-350-572
US-PATENT-CLASS-350-573
US-PATENT-CLASS-356-28.5
US-PATENT-4,697,922
N88-14359* c 37 ..... NASA-CASE-LAR-13662-1
US-PATENT-APPL-SN-790597
US-PATENT-APPL-SN-904812
US-PATENT-CLASS-228-107
US-PATENT-CLASS-228-109
US-PATENT-CLASS-228-2.5
US-PATENT-4,708,280
N88-14360* c 37 ..... NASA-CASE-MFS-28001-2
US-PATENT-APPL-SN-025039
US-PATENT-APPL-SN-739788
US-PATENT-CLASS-269-43
US-PATENT-CLASS-269-71
US-PATENT-CLASS-269-73
US-PATENT-4,708,330
N88-14361* c 37 ..... NASA-CASE-LAR-13453-1
US-PATENT-APPL-SN-010950
US-PATENT-CLASS-33-147D
US-PATENT-CLASS-73-834
US-PATENT-4,706,387
N88-14362* c 37 ..... NASA-CASE-MFS-29177-1
US-PATENT-APPL-SN-010942
US-PATENT-CLASS-219-124.34
US-PATENT-CLASS-219-130.01
US-PATENT-CLASS-219-136
US-PATENT-4,698,484
N88-14492* c 44 ..... NASA-CASE-ARC-11622-1
US-PATENT-APPL-SN-823712
US-PATENT-CLASS-126-425
US-PATENT-CLASS-250-203R
US-PATENT-4,710,618
N88-14835* c 76 ..... NASA-CASE-MFS-26008-1-CU
US-PATENT-APPL-SN-800194
US-PATENT-CLASS-156-621
US-PATENT-CLASS-156-622
US-PATENT-CLASS-156-624
US-PATENT-CLASS-422-251
US-PATENT-CLASS-422-260
US-PATENT-4,711,697
N88-14836* c 76 ..... NASA-CASE-NPO-16607-1-CU
US-PATENT-APPL-SN-901114
US-PATENT-CLASS-357-30
US-PATENT-CLASS-437-128
US-PATENT-CLASS-437-131
US-PATENT-CLASS-437-3
US-PATENT-CLASS-437-7
US-PATENT-CLASS-437-8
US-PATENT-CLASS-437-969
US-PATENT-4,711,857
N88-18628* c 24 ..... NAS 1.71:ARC-11641-1
NASA-CASE-ARC-11641-1
US-PATENT-APPL-SN-862925
US-PATENT-CLASS-244-117-A
US-PATENT-CLASS-244-158-A
US-PATENT-CLASS-428-44
US-PATENT-CLASS-428-74
US-PATENT-CLASS-428-76
US-PATENT-CLASS-428-920
US-PATENT-4,713,275
N88-18725* c 27 ..... NAS 1.71:LAR-13447-1
NASA-CASE-LAR-13447-1
US-PATENT-APPL-SN-855879
US-PATENT-CLASS-525-397
US-PATENT-CLASS-525-905
US-PATENT-4,711,932
N88-23759* c 02 ..... NASA-CASE-LAR-13436-1-CU
US-PATENT-APPL-SN-003676
US-PATENT-CLASS-73-147
US-PATENT-CLASS-73-178-R
US-PATENT-4,727,751
N88-23765* c 05 ..... NASA-CASE-LAR-13511-1
US-PATENT-APPL-SN-013801
US-PATENT-CLASS-244-119
US-PATENT-CLASS-244-120
US-PATENT-CLASS-244-130
US-PATENT-CLASS-244-15
US-PATENT-4,735,381
N88-23808* c 08 ..... NASA-CASE-GSC-12970-1
US-PATENT-APPL-SN-795805
US-PATENT-CLASS-244-165
US-PATENT-4,732,353
N88-23809* c 08 ..... NASA-CASE-LAR-13630-1
US-PATENT-APPL-SN-008895
US-PATENT-CLASS-244-17.19
US-PATENT-CLASS-244-91
US-PATENT-4,708,305
N88-23827* c 18 ..... NASA-CASE-MSC-21056-1
US-PATENT-APPL-SN-934397
US-PATENT-CLASS-16-292
US-PATENT-CLASS-16-297
US-PATENT-CLASS-16-326
US-PATENT-CLASS-16-332
US-PATENT-CLASS-16-345
US-PATENT-CLASS-16-347
US-PATENT-CLASS-16-349
US-PATENT-4,736,490
N88-23828* c 18 ..... NASA-CASE-LAR-13411-1-SB
US-PATENT-APPL-SN-913432
US-PATENT-CLASS-180-8.6
US-PATENT-CLASS-414-735
US-PATENT-CLASS-414-750
US-PATENT-CLASS-901-1
US-PATENT-CLASS-901-33
US-PATENT-4,738,583
N88-23845* c 25 ..... NASA-CASE-MFS-28142-1
US-PATENT-APPL-SN-904128
US-PATENT-CLASS-204-180.1
US-PATENT-CLASS-204-299-R
US-PATENT-4,752,372
N88-23846* c 25 ..... NASA-CASE-NPO-15609-2
US-PATENT-APPL-SN-511363
US-PATENT-APPL-SN-761310
US-PATENT-CLASS-159-3
US-PATENT-CLASS-159-48.2
US-PATENT-CLASS-159-900
US-PATENT-CLASS-203-90
US-PATENT-CLASS-203-91
US-PATENT-CLASS-203-98
US-PATENT-4,666,561
N88-23894* c 27 ..... NASA-CASE-GSC-13008-1
US-PATENT-APPL-SN-867987
US-PATENT-CLASS-264-DIG.64
US-PATENT-CLASS-264-50
US-PATENT-CLASS-425-4-R
US-PATENT-4,731,211
N88-23917*# c 31 ..... NAS 1.71:NPO-17334-1-CU
NASA-CASE-NPO-17334-1-CU
US-PATENT-APPL-SN-149821
N88-23941* c 33 ..... NASA-CASE-MSC-20181-1
US-PATENT-APPL-SN-392093
US-PATENT-CLASS-174-52-PE
US-PATENT-CLASS-174-52-R
US-PATENT-CLASS-174-52-S
US-PATENT-CLASS-357-72
US-PATENT-CLASS-357-74
US-PATENT-CLASS-357-81
US-PATENT-CLASS-525-425
US-PATENT-4,750,031
N88-23942* c 33 ..... NASA-CASE-LAR-13202-1
US-PATENT-APPL-SN-879758
US-PATENT-CLASS-315-200-R
US-PATENT-CLASS-315-227-R
US-PATENT-CLASS-315-241-R
US-PATENT-CLASS-315-254
US-PATENT-CLASS-315-255
US-PATENT-CLASS-315-276
US-PATENT-CLASS-315-277
US-PATENT-4,723,096
N88-23946*# c 34 ..... NAS 1.71:NPO-17291-1-CU
NASA-CASE-NPO-17291-1-CU
N88-23958* c 34 ..... NASA-CASE-MSC-20841-2
US-PATENT-APPL-SN-032679
US-PATENT-APPL-SN-755288
US-PATENT-CLASS-126-423
US-PATENT-CLASS-165-1
US-PATENT-CLASS-165-104.14
US-PATENT-CLASS-165-13
US-PATENT-CLASS-165-41
US-PATENT-4,664,177
US-PATENT-4,750,543
N88-23959*# c 35 ..... NAS 1.71:MFS-28287-1
NASA-CASE-MFS-28287-1
US-PATENT-APPL-SN-122740
N88-23963*# c 35 ..... NAS 1.71:LAR-13519-1
NASA-CASE-LAR-13519-1
US-PATENT-APPL-SN-146938
N88-23966* c 35 ..... NASA-CASE-MSC-20467-1
US-PATENT-APPL-SN-874319
US-PATENT-CLASS-73-587
US-PATENT-CLASS-73-601
US-PATENT-4,738,137
N88-23967* c 35 ..... NASA-CASE-LAR-13458-1
US-PATENT-APPL-SN-013802
US-PATENT-CLASS-73-794
US-PATENT-CLASS-73-810
US-PATENT-4,718,281
N88-23973*# c 37 ..... NAS 1.71:MSC-21171-1
NASA-CASE-MSC-21171-1
US-PATENT-APPL-SN-135120
N88-23974*# c 37 ..... NAS 1.71:MFS-28273-1
NASA-CASE-MFS-28273-1
US-PATENT-APPL-SN-149830
N88-23978* c 37 ..... NASA-CASE-LEW-14212-1
US-PATENT-APPL-SN-875798
US-PATENT-CLASS-415-136
US-PATENT-CLASS-415-170-R
US-PATENT-4,728,257
N88-23979* c 37 ..... NASA-CASE-MFS-28185-1
US-PATENT-APPL-SN-056930
US-PATENT-CLASS-294-106
US-PATENT-CLASS-294-113
US-PATENT-CLASS-294-119.2
US-PATENT-CLASS-294-16
US-PATENT-4,723,800
N88-23980* c 37 ..... NASA-CASE-MFS-29252-1
US-PATENT-APPL-SN-044181
US-PATENT-CLASS-219-137.42
US-PATENT-CLASS-219-75
US-PATENT-4,749,839
N88-23981* c 37 ..... NASA-CASE-LAR-13435-1
US-PATENT-APPL-SN-890683
US-PATENT-CLASS-123-193-P
US-PATENT-CLASS-92-176
US-PATENT-CLASS-92-212
US-PATENT-CLASS-92-214
US-PATENT-CLASS-92-222
US-PATENT-CLASS-92-224
US-PATENT-4,736,676
N88-23982* c 37 ..... NASA-CASE-LAR-12801-1
US-PATENT-APPL-SN-309291
US-PATENT-CLASS-188-373
US-PATENT-CLASS-248-548
US-PATENT-CLASS-248-608
US-PATENT-CLASS-297-216
US-PATENT-4,720,139
N88-24163* c 54 ..... NASA-CASE-MFS-26009-1-SB
US-PATENT-APPL-SN-805011
US-PATENT-CLASS-108-3
US-PATENT-CLASS-108-7
US-PATENT-CLASS-312-196
US-PATENT-CLASS-312-208
US-PATENT-CLASS-312-300
US-PATENT-CLASS-312-7.2
US-PATENT-4,725,106
N88-24169* c 60 ..... NASA-CASE-NPO-16462-1-CU
US-PATENT-APPL-SN-815106
US-PATENT-CLASS-364-728
US-PATENT-CLASS-364-757
US-PATENT-CLASS-382-42
US-PATENT-4,750,144
N88-24241* c 71 ..... NASA-CASE-NPO-16675-1-CU
US-PATENT-APPL-SN-627537
US-PATENT-APPL-SN-789266
US-PATENT-CLASS-181-0.5
US-PATENT-CLASS-367-191
US-PATENT-CLASS-73-505
US-PATENT-4,573,356
US-PATENT-4,736,815
N88-24253* c 72 ..... NASA-CASE-MFS-28122-1
US-PATENT-APPL-SN-021100
US-PATENT-CLASS-250-251
US-PATENT-CLASS-250-423-R
US-PATENT-CLASS-250-427
US-PATENT-CLASS-315-111.41
US-PATENT-CLASS-315-111.71
US-PATENT-CLASS-315-111.81
US-PATENT-4,742,232
N88-24543* c 76 ..... NASA-CASE-NPO-16681-1-CU
US-PATENT-APPL-SN-764812
US-PATENT-CLASS-204-192.15
US-PATENT-CLASS-204-192.24
US-PATENT-4,726,890
N88-24544* c 76 ..... NASA-CASE-MFS-28137-1
US-PATENT-APPL-SN-925189
US-PATENT-CLASS-156-DIG.70
US-PATENT-CLASS-156-DIG.72
US-PATENT-CLASS-156-DIG.82
US-PATENT-CLASS-156-607
US-PATENT-CLASS-156-621
US-PATENT-CLASS-156-624
US-PATENT-CLASS-422-246
US-PATENT-4,738,831
N88-24545* c 76 ..... NASA-CASE-MFS-28144-1
US-PATENT-APPL-SN-924399

US-PATENT-APPL-SN-524959
N90-27594* # c 89 ..... NAS 1.71:MFS-28013-3
NASA-CASE-MFS-28013-3
US-PATENT-APPL-SN-545089
N91-13502* # c 24 ..... NAS 1.71:LEW-14921-1
NASA-CASE-LEW-14921-1
US-PATENT-APPL-SN-571059
N91-13558* # c 27 ..... NAS 1.71:LAR-14271-1-CU
NASA-CASE-LAR-14271-1-CU
US-PATENT-APPL-SN-567025
N91-13562* # c 27 ..... NAS 1.71:LAR-14036-1
NASA-CASE-LAR-14036-1
US-PATENT-APPL-SN-418372
N91-13566* # c 27 ..... NAS 1.71:LEW-15027-1
NASA-CASE-LEW-15027-1
US-PATENT-APPL-SN-603055
N91-13594* # c 32 ..... NAS 1.71:NPO-17904-1-CU
NASA-CASE-NPO-17904-1-CU
US-PATENT-APPL-SN-544293
N91-13598* # c 32 ..... NAS 1.71:LEW-14945-1
NASA-CASE-LEW-14945-1
US-PATENT-APPL-SN-540976
N91-13658* # c 34 ..... NAS 1.71:NPO-17479-1-CU
NASA-CASE-NPO-17479-1-CU
US-PATENT-APPL-SN-568127
N91-13668* # c 34 ..... NAS 1.71:LEW-14162-1
NASA-CASE-LEW-14162-1
US-PATENT-APPL-SN-501893
N91-13691* # c 35 ..... NAS 1.71:SSC-00006-1
NASA-CASE-SSC-00006-1
US-PATENT-APPL-SN-489997
N91-13694* c 35 ... INT-PATENT-CLASS-G03H-1/02
NASA-CASE-LAR-13989-1
US-PATENT-APPL-SN-318217
US-PATENT-CLASS-350-3.64
US-PATENT-CLASS-350-320
US-PATENT-CLASS-350-354
US-PATENT-4,913,534
N91-13729* # c 37 ..... NAS 1.71:MFS-28406-1
NASA-CASE-MFS-28406-1
US-PATENT-APPL-SN-524110
N91-13731* # c 37 ..... NAS 1.71:MFS-28328-1
NASA-CASE-MFS-28328-1
US-PATENT-APPL-SN-458065
N91-13732* # c 37 ..... NAS 1.71:LEW-14965-1
NASA-CASE-LEW-14965-1
US-PATENT-APPL-SN-571062
N91-13733* # c 37 ..... NAS 1.71:SSC-00008-1
NASA-CASE-SSC-00008-1
US-PATENT-APPL-SN-545178
N91-13879* # c 54 ..... NAS 1.71:MSC-21460-1
NASA-CASE-MSC-21460-1
US-PATENT-APPL-SN-587919
N91-13890* # c 60 ..... NAS 1.71:MSC-21481-1
NASA-CASE-MSC-21481-1
US-PATENT-APPL-SN-506136
N91-13911* # c 61 ..... NAS 1.71:MSC-21737-1
NASA-CASE-MSC-21737-1
US-PATENT-APPL-SN-587922
N91-13998* # c 74 ..... NAS 1.71:NPO-17784-1-CU
NASA-CASE-NPO-17784-1-CU
US-PATENT-APPL-SN-568129
N91-13999* # c 74 ..... NAS 1.71:MFS-28295-1
NASA-CASE-MFS-28295-1
US-PATENT-APPL-SN-503408
N91-14066* # c 76 ..... NAS 1.71:GSC-13265-1
NASA-CASE-GSC-13265-1
US-PATENT-APPL-SN-575694
N91-14096* # c 89 ..... NAS 1.71:MFS-28013-2
NASA-CASE-MFS-28013-2
US-PATENT-APPL-SN-545220
N91-14321* c 04 ... INT-PATENT-CLASS-G01S-5/02
NASA-CASE-NPO-17820-1-CU
US-PATENT-APPL-SN-429734
US-PATENT-CLASS-329-306
US-PATENT-CLASS-342-352
US-PATENT-CLASS-342-357
US-PATENT-CLASS-342-418
US-PATENT-CLASS-375-80
US-PATENT-CLASS-375-94
US-PATENT-4,959,656
N91-14345* c 05 . INT-PATENT-CLASS-B64D-33/00
NASA-CASE-LAR-14116-1
US-PATENT-APPL-SN-004304
US-PATENT-APPL-SN-243685
US-PATENT-APPL-SN-264993
US-PATENT-CLASS-244-199
US-PATENT-CLASS-244-58
US-PATENT-CLASS-290-44
US-PATENT-CLASS-290-55
US-PATENT-4,917,332
N91-14356* c 09 ..... NASA-CASE-LAR-13629-1
US-PATENT-APPL-SN-251411
US-PATENT-CLASS-33-263
US-PATENT-CLASS-342-54
US-PATENT-CLASS-356-1
US-PATENT-CLASS-356-141
US-PATENT-CLASS-356-152
US-PATENT-CLASS-364-433
US-PATENT-CLASS-73-147
US-PATENT-4,932,777
N91-14357* c 09 ... INT-PATENT-CLASS-G01M-9/00
NASA-CASE-ARC-11877-1-SB
US-PATENT-APPL-SN-195563
US-PATENT-CLASS-73-147
US-PATENT-4,845,993
N91-14371* c 17 . INT-PATENT-CLASS-G06F-15/20
NASA-CASE-MSC-21170-1
US-PATENT-APPL-SN-182266
US-PATENT-CLASS-324-115
US-PATENT-CLASS-364-487
US-PATENT-CLASS-364-550
US-PATENT-4,974,181
N91-14374* c 18 ... INT-PATENT-CLASS-B64G-1/64
NASA-CASE-MSC-21360-1
US-PATENT-APPL-SN-292131
US-PATENT-CLASS-14-71.5
US-PATENT-CLASS-244-137.2
US-PATENT-CLASS-244-161
US-PATENT-CLASS-405-188
US-PATENT-4,860,975
N91-14412* c 19 .. INT-PATENT-CLASS-G01W-1/00
NASA-CASE-LAR-13392-1-CU
US-PATENT-APPL-SN-369490
US-PATENT-CLASS-73-170R
US-PATENT-4,964,300
N91-14418* c 23 . INT-PATENT-CLASS-C08G-73/10
NASA-CASE-LAR-13965-2-CU
US-PATENT-APPL-SN-221386
US-PATENT-APPL-SN-311551
US-PATENT-CLASS-526-262
US-PATENT-CLASS-528-322
US-PATENT-4,895,915
N91-14419* c 23 INT-PATENT-CLASS-C07D-207/44
NASA-CASE-LAR-14188-2
US-PATENT-APPL-SN-087375
US-PATENT-APPL-SN-328392
US-PATENT-APPL-SN-391692
US-PATENT-CLASS-548-549
US-PATENT-4,937,356
N91-14430* c 24 ... INT-PATENT-CLASS-G01N-3/00
NASA-CASE-LAR-13985-1
US-PATENT-APPL-SN-386172
US-PATENT-CLASS-73-794
US-PATENT-4,926,694
N91-14462* c 26 . INT-PATENT-CLASS-B22D-27/04
NASA-CASE-MFS-28314-1
US-PATENT-APPL-SN-404289
US-PATENT-CLASS-164-122.1
US-PATENT-CLASS-164-338.1
US-PATENT-4,964,453
N91-14489* c 27 . INT-PATENT-CLASS-H02K-44/10
NASA-CASE-NPO-17122-1-CU
US-PATENT-APPL-SN-087376
US-PATENT-CLASS-310-11
US-PATENT-4,928,027
N91-14495* c 28 ..... NASA-CASE-KSC-11304-2
US-PATENT-APPL-SN-603375
US-PATENT-APPL-SN-798713
US-PATENT-CLASS-423-655
US-PATENT-CLASS-48-197R
US-PATENT-CLASS-48-203
US-PATENT-CLASS-48-77
US-PATENT-CLASS-60-39.12
US-PATENT-CLASS-60-39.182
US-PATENT-4,936,869
N91-14508* c 31 .. INT-PATENT-CLASS-B23K-26/00
NASA-CASE-MFS-28294-1
US-PATENT-APPL-SN-396262
US-PATENT-CLASS-219-121.68
US-PATENT-4,965,429
N91-14523* c 32 .. INT-PATENT-CLASS-H04L-27/18
NASA-CASE-NPO-16904-2-CU
US-PATENT-APPL-SN-246032
US-PATENT-APPL-SN-929876
US-PATENT-CLASS-371-43
US-PATENT-CLASS-375-53
US-PATENT-CLASS-375-57
US-PATENT-4,945,549
N91-14536* c 33 . INT-PATENT-CLASS-H07M-10/39
INT-PATENT-CLASS-H07M-4/60
NASA-CASE-NPO-17604-1-CU
US-PATENT-APPL-SN-404288
US-PATENT-CLASS-252-62.2
US-PATENT-CLASS-429-104
US-PATENT-CLASS-429-213
US-PATENT-4,966,823
N91-14537* c 33 .. INT-PATENT-CLASS-H01L-43/00
NASA-CASE-MSC-21428-1
US-PATENT-APPL-SN-343652
US-PATENT-CLASS-320-51
US-PATENT-CLASS-338-221
US-PATENT-CLASS-338-32
US-PATENT-4,973,936
N91-14538* c 33 ... INT-PATENT-CLASS-H01M-6/20
NASA-CASE-NPO-17640-1-CU
US-PATENT-APPL-SN-405169
US-PATENT-CLASS-429-103
US-PATENT-CLASS-429-120
US-PATENT-4,945,012
N91-14539* c 33 .. INT-PATENT-CLASS-H01F-27/30
NASA-CASE-NPO-17830-1-CU
US-PATENT-APPL-SN-443297
US-PATENT-CLASS-336-198
US-PATENT-CLASS-336-205
US-PATENT-CLASS-336-229
US-PATENT-4,975,672
N91-14550* c 33 ... INT-PATENT-CLASS-H03D-1/00
NASA-CASE-GSC-13237-1
US-PATENT-APPL-SN-418612
US-PATENT-CLASS-328-151
US-PATENT-CLASS-329-363
US-PATENT-4,973,914
N91-14551* c 33 .. INT-PATENT-CLASS-H01L-27/14
NASA-CASE-NPO-17258-1-CU
US-PATENT-APPL-SN-283673
US-PATENT-CLASS-357-15
US-PATENT-CLASS-357-29
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-32
US-PATENT-CLASS-357-58
US-PATENT-4,954,864
N91-14552* c 33 ... INT-PATENT-CLASS-G01R-1/04
NASA-CASE-LEW-14746-1
US-PATENT-APPL-SN-392239
US-PATENT-CLASS-324-158F
US-PATENT-CLASS-324-158P
US-PATENT-CLASS-324-601
US-PATENT-CLASS-333-247
US-PATENT-4,980,636
N91-14562* c 34 .. INT-PATENT-CLASS-B64B-21/00
NASA-CASE-LAR-13532-1
US-PATENT-APPL-SN-838649
US-PATENT-CLASS-114-67A
US-PATENT-CLASS-244-130
US-PATENT-CLASS-244-203
US-PATENT-CLASS-244-204
US-PATENT-4,932,610
N91-14563* c 34 .. INT-PATENT-CLASS-F16K-3/316
INT-PATENT-CLASS-F16K-3/32
INT-PATENT-CLASS-F16K-37/00
NASA-CASE-MFS-28383-1
US-PATENT-APPL-SN-404290
US-PATENT-CLASS-137-556
US-PATENT-CLASS-251-212
US-PATENT-4,957,139
N91-14587* c 35 ..... NASA-CASE-NPO-16989-1-CU
US-PATENT-APPL-SN-358027
US-PATENT-CLASS-250-281
US-PATENT-CLASS-250-282
US-PATENT-CLASS-250-286
US-PATENT-CLASS-250-287
US-PATENT-CLASS-250-288
US-PATENT-CLASS-250-305
US-PATENT-CLASS-250-423
US-PATENT-4,973,840
N91-14588* c 35 ..... NASA-CASE-NPO-17526-1-CU
US-PATENT-APPL-SN-369403
US-PATENT-CLASS-250-338.1
US-PATENT-CLASS-250-338.2
US-PATENT-CLASS-250-370.12
US-PATENT-CLASS-250-370.13
US-PATENT-CLASS-250-493.1
US-PATENT-CLASS-357-27
US-PATENT-CLASS-357-30
US-PATENT-4,952,811
N91-14590* c 35 . INT-PATENT-CLASS-G02B-27/64
INT-PATENT-CLASS-G02B-7/18
NASA-CASE-LAR-14207-1
US-PATENT-APPL-SN-168065
US-PATENT-APPL-SN-366205
US-PATENT-CLASS-350-287
US-PATENT-CLASS-350-500
US-PATENT-4,895,430
N91-14591* c 35 . INT-PATENT-CLASS-F41G-11/00
INT-PATENT-CLASS-G02B-23/00
NASA-CASE-ARC-11886-1-SB
US-PATENT-APPL-SN-418374
US-PATENT-CLASS-33-261
US-PATENT-CLASS-350-576
US-PATENT-4,957,357
N91-14607* c 37 . INT-PATENT-CLASS-G08B-21/00
NASA-CASE-MSC-21408-1
US-PATENT-APPL-SN-304154
US-PATENT-CLASS-340-683
US-PATENT-CLASS-73-658
US-PATENT-4,977,395
N91-14608* c 37 .. INT-PATENT-CLASS-F01D-11/08

NASA-CASE-LEW-14345-3
US-PATENT-APPL-SN-159071
US-PATENT-APPL-SN-292049
US-PATENT-APPL-SN-924474
US-PATENT-CLASS-552-101
US-PATENT-4,912,238

N91-17145* c 24 ..... NASA-CASE-LEW-14990-1-CU
US-PATENT-APPL-SN-326757
US-PATENT-APPL-SN-433863
US-PATENT-CLASS-419-24
US-PATENT-CLASS-419-36
US-PATENT-CLASS-419-37
US-PATENT-CLASS-419-48
US-PATENT-CLASS-419-49
US-PATENT-CLASS-419-8
US-PATENT-4,980,126

N91-17250*# c 29 ..... NAS 1.71:MFS-28422-1
NASA-CASE-MFS-28422-1
US-PATENT-APPL-SN-629740

N91-17350* c 35 .... INT-PATENT-CLASS-G01L-3/00
NASA-CASE-NPO-17461-1-CU
US-PATENT-APPL-SN-326820
US-PATENT-CLASS-73-862.33
US-PATENT-CLASS-73-862.36
US-PATENT-4,932,270

N91-17360*# c 36 . INT-PATENT-CLASS-H01S-3/098
NASA-CASE-NPO-17355-1-CU
US-PATENT-APPL-SN-283431
US-PATENT-CLASS-372-19
US-PATENT-CLASS-372-39
US-PATENT-CLASS-372-66
US-PATENT-CLASS-372-70
US-PATENT-4,860,295

N91-17387* c 37 .... INT-PATENT-CLASS-F16D-3/02
NASA-CASE-GSC-13153-1
US-PATENT-APPL-SN-326863
US-PATENT-CLASS-403-113
US-PATENT-CLASS-403-291
US-PATENT-CLASS-403-57
US-PATENT-CLASS-464-132
US-PATENT-CLASS-464-56
US-PATENT-4,932,806

N91-17388* c 37 .... INT-PATENT-CLASS-F16D-3/50
NASA-CASE-GSC-13127-1
US-PATENT-APPL-SN-193612
US-PATENT-CLASS-464-56
US-PATENT-CLASS-901-28
US-PATENT-4,946,421

N91-21157* c 09 . INT-PATENT-CLASS-G01N-31/12
NASA-CASE-MSC-21470-1
US-PATENT-APPL-SN-381239
US-PATENT-CLASS-374-8
US-PATENT-CLASS-422-104
US-PATENT-CLASS-422-78
US-PATENT-CLASS-422-80
US-PATENT-CLASS-73-865.6
US-PATENT-4,990,312

N91-21175* c 14 ... INT-PATENT-CLASS-G01M-3/28
NASA-CASE-MFS-28376-1
US-PATENT-APPL-SN-361479
US-PATENT-CLASS-73-49.8
US-PATENT-5,000,033

N91-21176* c 14 . INT-PATENT-CLASS-G01M-19/00
INT-PATENT-CLASS-G01M-7/02
NASA-CASE-LAR-14149-1-SB
US-PATENT-APPL-SN-357757
US-PATENT-CLASS-73-663
US-PATENT-CLASS-73-865.6
US-PATENT-CLASS-73-866.4
US-PATENT-4,995,272

N91-21221* c 18 ... INT-PATENT-CLASS-B25G-3/00
NASA-CASE-MSC-21504-1
US-PATENT-APPL-SN-516856
US-PATENT-CLASS-403-171
US-PATENT-CLASS-403-176
US-PATENT-CLASS-403-252
US-PATENT-CLASS-52-646
US-PATENT-4,998,842

N91-21222* c 18 ... INT-PATENT-CLASS-B24G-1/00
NASA-CASE-MSC-21534-1
US-PATENT-APPL-SN-480985
US-PATENT-CLASS-244-14
US-PATENT-CLASS-244-158R
US-PATENT-4,991,788

N91-21270* c 25 .... INT-PATENT-CLASS-H01S-3/22
NASA-CASE-LAR-14155-2-SB
US-PATENT-APPL-SN-298150
US-PATENT-APPL-SN-443406
US-PATENT-CLASS-372-59
US-PATENT-CLASS-423-247
US-PATENT-CLASS-502-324
US-PATENT-CLASS-502-34
US-PATENT-4,991,181

N91-21434* c 33 .. INT-PATENT-CLASS-H01L-27/14
NASA-CASE-NPO-17426-1-CU
US-PATENT-APPL-SN-363815
US-PATENT-CLASS-357-15
US-PATENT-CLASS-357-30
US-PATENT-CLASS-357-67S
US-PATENT-CLASS-357-71S
US-PATENT-4,990,988

N91-21473* c 34 .. INT-PATENT-CLASS-F28D-15/02
NASA-CASE-KSC-11395-1-CU
US-PATENT-APPL-SN-473065
US-PATENT-CLASS-165-104.14
US-PATENT-CLASS-165-86
US-PATENT-CLASS-165-96
US-PATENT-CLASS-62-333
US-PATENT-CLASS-62-384
US-PATENT-CLASS-62-90
US-PATENT-4,971,139

N91-21493* c 35 . INT-PATENT-CLASS-G01F-17/00
NASA-CASE-MSC-21500-1
US-PATENT-APPL-SN-458258
US-PATENT-CLASS-73-149
US-PATENT-5,001,924

N91-21494* c 35 .. INT-PATENT-CLASS-F01B-19/00
NASA-CASE-MSC-20797-2
US-PATENT-APPL-SN-041389
US-PATENT-APPL-SN-771537
US-PATENT-CLASS-92-103F
US-PATENT-CLASS-92-103SD
US-PATENT-4,989,497

N91-21495* c 35 . INT-PATENT-CLASS-G01F-17/00
NASA-CASE-MSC-21059-3
US-PATENT-APPL-SN-396726
US-PATENT-APPL-SN-486455
US-PATENT-CLASS-73-149
US-PATENT-4,984,457

N91-21496* c 35 .... INT-PATENT-CLASS-B01F-3/02
NASA-CASE-MFS-28177-1
US-PATENT-APPL-SN-283092
US-PATENT-CLASS-165-20
US-PATENT-CLASS-236-44A
US-PATENT-CLASS-236-94
US-PATENT-CLASS-417-190
US-PATENT-4,909,436

N91-21539* c 37 . INT-PATENT-CLASS-H02K-41/00
NASA-CASE-LAR-13981-1
US-PATENT-APPL-SN-405154
US-PATENT-CLASS-310-90.5
US-PATENT-CLASS-318-135
US-PATENT-5,003,235

N91-21540* c 37 ... INT-PATENT-CLASS-G01N-3/20
NASA-CASE-LEW-14776-1
US-PATENT-APPL-SN-458274
US-PATENT-CLASS-73-852
US-PATENT-4,986,132

N91-21541* c 37 . INT-PATENT-CLASS-F16M-13/00
NASA-CASE-LAR-13580-1
US-PATENT-APPL-SN-441673
US-PATENT-CLASS-248-593
US-PATENT-CLASS-248-604
US-PATENT-4,997,158

N91-21542* c 37 ..... NASA-CASE-MSC-21476-1
US-PATENT-APPL-SN-392235
US-PATENT-CLASS-318-568.16
US-PATENT-CLASS-318-568.20
US-PATENT-CLASS-318-568.21
US-PATENT-CLASS-364-513
US-PATENT-CLASS-901-33
US-PATENT-CLASS-901-37
US-PATENT-CLASS-901-47
US-PATENT-4,980,626

N91-21543* c 37 . INT-PATENT-CLASS-F16M-13/00
NASA-CASE-MSC-21502-1
US-PATENT-APPL-SN-470663
US-PATENT-CLASS-DIG.4
US-PATENT-CLASS-248-181
US-PATENT-CLASS-248-650
US-PATENT-CLASS-248-677
US-PATENT-CLASS-254-101
US-PATENT-CLASS-403-131
US-PATENT-5,000,416

N91-21544* c 37 ..... NASA-CASE-NPO-17801-1-CU
US-PATENT-APPL-SN-459029
US-PATENT-CLASS-318-561
US-PATENT-CLASS-318-628
US-PATENT-CLASS-318-646
US-PATENT-CLASS-318-648
US-PATENT-CLASS-364-478
US-PATENT-CLASS-364-513
US-PATENT-CLASS-901-9
US-PATENT-4,999,553

N91-21545* c 37 .. INT-PATENT-CLASS-B25B-11/00
INT-PATENT-CLASS-G02B-21/26
INT-PATENT-CLASS-G02B-21/32
NASA-CASE-MFS-28420-1
US-PATENT-APPL-SN-523675
US-PATENT-CLASS-269-21
US-PATENT-CLASS-350-529
US-PATENT-4,981,345

N91-21621* c 43 . INT-PATENT-CLASS-G01S-13/86
INT-PATENT-CLASS-G01S-13/89
NASA-CASE-NPO-17937-1-CU
US-PATENT-APPL-SN-493190
US-PATENT-CLASS-342-26
US-PATENT-CLASS-342-357
US-PATENT-CLASS-342-52
US-PATENT-4,990,922

N91-21700* c 51 ..... NASA-CASE-MSC-21293-1
US-PATENT-APPL-SN-213559
US-PATENT-CLASS-435-284
US-PATENT-CLASS-435-285
US-PATENT-CLASS-435-286
US-PATENT-CLASS-435-292
US-PATENT-CLASS-435-311
US-PATENT-CLASS-435-312
US-PATENT-CLASS-435-316
US-PATENT-4,988,623

N91-21701* c 51 . INT-PATENT-CLASS-C12M-03/06
NASA-CASE-MSC-21361-1
US-PATENT-APPL-SN-278137
US-PATENT-CLASS-210-396
US-PATENT-CLASS-435-286
US-PATENT-CLASS-435-289
US-PATENT-CLASS-435-311
US-PATENT-CLASS-435-315
US-PATENT-CLASS-435-316
US-PATENT-5,002,890

N91-21824* c 70 .... INT-PATENT-CLASS-H02K-7/09
NASA-CASE-LAR-13785-1
US-PATENT-APPL-SN-405168
US-PATENT-CLASS-310-90.5
US-PATENT-5,003,211

N91-21871* c 74 ... INT-PATENT-CLASS-G01B-9/02
INT-PATENT-CLASS-G02B-6/02
INT-PATENT-CLASS-G02B-6/16
NASA-CASE-LEW-14795-1
US-PATENT-APPL-SN-404291
US-PATENT-CLASS-250-227
US-PATENT-CLASS-350-96.29
US-PATENT-CLASS-356-345
US-PATENT-4,995,697

N91-21911* c 76 . INT-PATENT-CLASS-H05B-33/14
NASA-CASE-LAR-14181-1
US-PATENT-APPL-SN-140185
US-PATENT-APPL-SN-338379
US-PATENT-CLASS-313-502
US-PATENT-CLASS-313-503
US-PATENT-CLASS-313-506
US-PATENT-CLASS-428-690
US-PATENT-4,987,339

N91-23271*# c 25 ..... NAS 1.71:MSC-21577-1-SB
NASA-CASE-MSC-21577-1-SB
US-PATENT-APPL-SN-748933

N91-23410*# c 34 ..... NAS 1.71:LAR-13563-1
NASA-CASE-LAR-13563-1
US-PATENT-APPL-SN-608494

N91-23976*# c 82 ..... NAS 1.71:SSC-00010-1
NASA-CASE-SSC-00010-1
US-PATENT-APPL-SN-591643

N91-25167*# c 18 ..... NAS 1.71:MFS-28524-1
NASA-CASE-MFS-28524-1
US-PATENT-APPL-SN-691610

N91-25185* c 23 . INT-PATENT-CLASS-C07C-15/16
NASA-CASE-LEW-14345-4
US-PATENT-APPL-SN-292049
US-PATENT-APPL-SN-419554
US-PATENT-CLASS-552-101
US-PATENT-CLASS-552-108
US-PATENT-CLASS-552-110
US-PATENT-CLASS-552-113
US-PATENT-CLASS-552-115
US-PATENT-5,011,955

N91-25199* c 24 ..... NASA-CASE-LAR-13562-2
US-PATENT-APPL-SN-486668
US-PATENT-APPL-SN-921572
US-PATENT-CLASS-156-172
US-PATENT-CLASS-156-187
US-PATENT-CLASS-156-625
US-PATENT-CLASS-156-634
US-PATENT-CLASS-264-257
US-PATENT-CLASS-264-261
US-PATENT-5,008,061

N91-25200* c 24 ..... NASA-CASE-LAR-14107-1
US-PATENT-APPL-SN-105846
US-PATENT-APPL-SN-262268
US-PATENT-CLASS-264-136
US-PATENT-CLASS-264-257
US-PATENT-CLASS-264-331.12
US-PATENT-CLASS-525-432
US-PATENT-CLASS-528-350
US-PATENT-CLASS-528-352
US-PATENT-5,004,575

N91-25296* c 27 .... INT-PATENT-CLASS-B23H-9/00
NASA-CASE-LEW-14679-1
US-PATENT-APPL-SN-381240

US-PATENT-CLASS-381-94
US-PATENT-CLASS-52-144
US-PATENT-5,024,288
N91-27914* c 71 .... INT-PATENT-CLASS-A61B-8/00
NASA-CASE-LAR-13966-1
US-PATENT-APPL-SN-422726
US-PATENT-CLASS-128-660.06
US-PATENT-CLASS-73-631
US-PATENT-5,031,627
N91-27936* c 72 .. INT-PATENT-CLASS-H01J-37/00
NASA-CASE-LAR-14250-1-SB
US-PATENT-APPL-SN-531372
US-PATENT-CLASS-250-306
US-PATENT-CLASS-250-307
US-PATENT-CLASS-250-358.1
US-PATENT-5,015,851
N91-27957* c 74 . INT-PATENT-CLASS-H04B-10/00
NASA-CASE-NPO-17703-1-CU
US-PATENT-APPL-SN-359801
US-PATENT-CLASS-356-5
US-PATENT-CLASS-455-605
US-PATENT-5,031,234
N91-28014* c 76 INT-PATENT-CLASS-H01L-21/324
NASA-CASE-NPO-17678-1-CU
US-PATENT-APPL-SN-357758
US-PATENT-CLASS-357-82
US-PATENT-CLASS-437-187
US-PATENT-CLASS-437-197
US-PATENT-CLASS-437-199
US-PATENT-CLASS-437-247
US-PATENT-CLASS-437-248
US-PATENT-5,019,533
N91-28423*# c 27 ..... NAS 1.71:LEW-14474-1
NASA-CASE-LEW-14474-1
US-PATENT-APPL-SN-720133
N91-28557*# c 36 ..... NAS 1.71:GSC-13343-1
NASA-CASE-GSC-13343-1
US-PATENT-APPL-SN-702529
N91-30667* c 51 ... INT-PATENT-CLASS-C12M-3/02
NASA-CASE-MSC-21294-1
US-PATENT-APPL-SN-213558
US-PATENT-CLASS-261-83
US-PATENT-CLASS-435-285
US-PATENT-CLASS-435-286
US-PATENT-CLASS-435-312
US-PATENT-CLASS-435-313
US-PATENT-CLASS-435-818
US-PATENT-5,026,650
N91-31113* c 03 .... INT-PATENT-CLASS-B63C-9/01
INT-PATENT-CLASS-B64C-1/22
INT-PATENT-CLASS-B64D-1/08
INT-PATENT-CLASS-B64D-9/00
NASA-CASE-ARC-11909-1
US-PATENT-APPL-SN-418320
US-PATENT-CLASS-244-137.2
US-PATENT-CLASS-441-83
US-PATENT-5,020,742
N91-31120* c 04 . INT-PATENT-CLASS-G06F-15/50
NASA-CASE-LAR-13854-1-CU
US-PATENT-APPL-SN-082766
US-PATENT-APPL-SN-192562
US-PATENT-CLASS-364-427
US-PATENT-CLASS-364-428
US-PATENT-CLASS-73-178T
US-PATENT-5,047,9421-CU
N91-31140* c 05 . INT-PATENT-CLASS-B64C-19/00
NASA-CASE-LAR-14212-1-CU
US-PATENT-APPL-SN-565090
US-PATENT-CLASS-244-120
US-PATENT-CLASS-244-199
US-PATENT-CLASS-244-75R
US-PATENT-CLASS-244-87
US-PATENT-CLASS-244-88
US-PATENT-5,050,819
N91-31236* c 24 .... INT-PATENT-CLASS-B32B-7/08
NASA-CASE-ARC-11907-1-NP
US-PATENT-APPL-SN-410576
US-PATENT-CLASS-112-440
US-PATENT-CLASS-428-285
US-PATENT-5,038,693
N91-31258* c 25 INT-PATENT-CLASS-H01L-21/306
NASA-CASE-ARC-11873-2
US-PATENT-APPL-SN-150169
US-PATENT-APPL-SN-347591
US-PATENT-CLASS-156-345
US-PATENT-CLASS-156-643
US-PATENT-CLASS-156-668
US-PATENT-CLASS-204-192.32
US-PATENT-CLASS-437-229
US-PATENT-5,007,983
N91-31307* c 27 INT-PATENT-CLASS-C08F-283/00
INT-PATENT-CLASS-C08F-283/04
INT-PATENT-CLASS-C08G-16/00
INT-PATENT-CLASS-C08G-73/10
NASA-CASE-LAR-13910-2-CU
US-PATENT-APPL-SN-218792
US-PATENT-APPL-SN-347558
US-PATENT-CLASS-525-422
US-PATENT-CLASS-525-471
US-PATENT-5,021,518
N91-31476* c 31 .. INT-PATENT-CLASS-B23K-20/08
NASA-CASE-LAR-14096-1
US-PATENT-APPL-SN-591644
US-PATENT-CLASS-228-107
US-PATENT-CLASS-228-2.5
US-PATENT-5,050,789
N91-31528* c 33 . INT-PATENT-CLASS-G05B-19/42
NASA-CASE-NPO-17134-1-CU
US-PATENT-APPL-SN-172105
US-PATENT-CLASS-318-568.1
US-PATENT-CLASS-318-568.2
US-PATENT-CLASS-318-573
US-PATENT-CLASS-364-513
US-PATENT-CLASS-901-19
US-PATENT-5,047,700
N91-31529* c 33 ..... NASA-CASE-LEW-14676-1
US-PATENT-APPL-SN-305675
US-PATENT-CLASS-421-209
US-PATENT-CLASS-421-457
US-PATENT-CLASS-505-1
US-PATENT-CLASS-505-701
US-PATENT-CLASS-505-702
US-PATENT-CLASS-505-703
US-PATENT-CLASS-505-704
US-PATENT-5,049,539
N91-31530* c 33 .... INT-PATENT-CLASS-H04K-3/00
NASA-CASE-GSC-12821-2
US-PATENT-APPL-SN-242254
US-PATENT-APPL-SN-921576
US-PATENT-CLASS-455-1
US-PATENT-CLASS-455-102
US-PATENT-CLASS-455-99
US-PATENT-5,014,340
N91-31596* c 34 .... INT-PATENT-CLASS-G01F-1/00
NASA-CASE-LAR-13952-2-SB
US-PATENT-APPL-SN-203178
US-PATENT-APPL-SN-348223
US-PATENT-CLASS-73-432.1
US-PATENT-4,936,146
N91-31608* c 35 . INT-PATENT-CLASS-G01K-17/06
INT-PATENT-CLASS-G01K-17/16
NASA-CASE-LEW-14967-1
US-PATENT-APPL-SN-531433
US-PATENT-CLASS-136-200
US-PATENT-CLASS-250-356.1
US-PATENT-CLASS-374-180
US-PATENT-CLASS-374-208
US-PATENT-CLASS-374-29
US-PATENT-5,048,973
N91-31655* c 37 . INT-PATENT-CLASS-B23D-21/06
INT-PATENT-CLASS-B26B-27/00
INT-PATENT-CLASS-B26D-3/16
NASA-CASE-MSC-21469-1
US-PATENT-APPL-SN-486458
US-PATENT-CLASS-30-388
US-PATENT-CLASS-30-92
US-PATENT-5,038,473
N91-31656* c 37 . INT-PATENT-CLASS-B23Q-3/155
NASA-CASE-GSC-13239-1
US-PATENT-APPL-SN-608657
US-PATENT-CLASS-29-568
US-PATENT-CLASS-294-86.4
US-PATENT-CLASS-901-30
US-PATENT-5,044,063
N91-31755* c 51 ..... NASA-CASE-MSC-21585-1
US-PATENT-APPL-SN-493529
US-PATENT-CLASS-422-101
US-PATENT-CLASS-422-99
US-PATENT-CLASS-435-30
US-PATENT-CLASS-73-863.22
US-PATENT-CLASS-73-863.41
US-PATENT-CLASS-73-863.85
US-PATENT-CLASS-73-863.86
US-PATENT-5,049,492
N91-31803*# c 54 ... INT-PATENT-CLASS-B64G-1/46
NASA-CASE-MSC-21629-1
US-PATENT-APPL-SN-378548
US-PATENT-CLASS-210-748
US-PATENT-CLASS-244-159
US-PATENT-CLASS-244-163
US-PATENT-CLASS-47-1.4
US-PATENT-CLASS-47-62
US-PATENT-CLASS-55-75
US-PATENT-5,005,787
N91-31810* c 60 . INT-PATENT-CLASS-G11C-29/00
INT-PATENT-CLASS-H03M-13/00
NASA-CASE-NPO-17394-1-CU
US-PATENT-APPL-SN-311024
US-PATENT-CLASS-365-156
US-PATENT-CLASS-365-200
US-PATENT-CLASS-371-40.1
US-PATENT-5,048,023
N91-31885* c 63 . INT-PATENT-CLASS-G05B-19/24
INT-PATENT-CLASS-G06F-15/46
NASA-CASE-NPO-17401-1-CU
US-PATENT-APPL-SN-172105
US-PATENT-APPL-SN-264326
US-PATENT-CLASS-318-568.11
US-PATENT-CLASS-318-573
US-PATENT-CLASS-364-513
US-PATENT-5,038,089
N91-31950* c 74 . INT-PATENT-CLASS-H05B-33/14
NASA-CASE-LAR-13616-1
US-PATENT-APPL-SN-140185
US-PATENT-CLASS-313-502
US-PATENT-CLASS-313-503
US-PATENT-CLASS-313-506
US-PATENT-CLASS-313-509
US-PATENT-5,047,686
N91-32196* c 25 . INT-PATENT-CLASS-G01N-25/50
NASA-CASE-LAR-14454-1
US-PATENT-APPL-SN-426345
US-PATENT-APPL-SN-593412
US-PATENT-CLASS-102-200
US-PATENT-CLASS-374-8
US-PATENT-CLASS-73-167
US-PATENT-5,052,817
N91-32240* c 31 ..... NASA-CASE-NPO-16635-1-CU
US-PATENT-APPL-SN-858054
US-PATENT-CLASS-264-12
US-PATENT-CLASS-264-5
US-PATENT-CLASS-65-21.4
US-PATENT-CLASS-75-331
US-PATENT-CLASS-75-338
US-PATENT-CLASS-75-340
US-PATENT-CLASS-75-342
US-PATENT-5,055,240
N91-32498* c 37 .... INT-PATENT-CLASS-B64D-1/12
NASA-CASE-MSC-21671-1
US-PATENT-APPL-SN-603337
US-PATENT-CLASS-102-378
US-PATENT-CLASS-294-82.26
US-PATENT-CLASS-89-1.14
US-PATENT-CLASS-89-1.57
US-PATENT-5,046,395
N91-32508* c 37 .. INT-PATENT-CLASS-B23K-26/00
NASA-CASE-MSC-21299-2
US-PATENT-APPL-SN-176587
US-PATENT-APPL-SN-358029
US-PATENT-CLASS-219-121.72
US-PATENT-CLASS-219-69.12
US-PATENT-CLASS-29-558
US-PATENT-5,051,559
N91-32514* c 37 . INT-PATENT-CLASS-B61D-15/08
NASA-CASE-MSC-21540-1
US-PATENT-APPL-SN-527508
US-PATENT-CLASS-105-124
US-PATENT-CLASS-105-141
US-PATENT-CLASS-105-142
US-PATENT-CLASS-105-87
US-PATENT-CLASS-188-24.11
US-PATENT-5,058,506
N91-32515*# c 38 ..... NAS 1.71:SSC-00013-1
NASA-CASE-SSC-00013-1
US-PATENT-APPL-SN-740675
N91-32546* c 43 . INT-PATENT-CLASS-G01S-13/89
NASA-CASE-GSC-13212-1
US-PATENT-APPL-SN-391896
US-PATENT-CLASS-342-191
US-PATENT-CLASS-342-25
US-PATENT-CLASS-342-26
US-PATENT-5,053,778
N91-32795* c 54 .... INT-PATENT-CLASS-A61F-2/58
INT-PATENT-CLASS-A61F-2/68
NASA-CASE-MFS-28426-1
US-PATENT-APPL-SN-508154
US-PATENT-CLASS-623-62
US-PATENT-CLASS-623-63
US-PATENT-5,021,065
N91-32805*# c 60 ..... NAS 1.71:NPO-17632-1-CU
NASA-CASE-NPO-17632-1-CU
US-PATENT-APPL-SN-712796
N91-32852* c 62 ... INT-PATENT-CLASS-G06G-7/12
NASA-CASE-NPO-17664-1-CU
US-PATENT-APPL-SN-463720
US-PATENT-CLASS-364-513
US-PATENT-CLASS-364-807
US-PATENT-5,056,037
N91-32922* c 74 . INT-PATENT-CLASS-G01B-11/00
NASA-CASE-MSC-21416-1
US-PATENT-APPL-SN-545177
US-PATENT-CLASS-356-375
US-PATENT-CLASS-356-399
US-PATENT-5,052,807
N92-10054* c 20 .... INT-PATENT-CLASS-F02R-9/52
NASA-CASE-LEW-14846-1
US-PATENT-APPL-SN-443523
US-PATENT-CLASS-60-240

US-PATENT-5,067,019
N92-16808* c 74 ... INT-PATENT-CLASS-G02B-1/01
INT-PATENT-CLASS-G02B-1/12
INT-PATENT-CLASS-G02B-5/23
NASA-CASE-NPO-17612-1-CU
US-PATENT-APPL-SN-480385
US-PATENT-CLASS-359-11
US-PATENT-CLASS-359-240
US-PATENT-CLASS-359-241
US-PATENT-5,062,693
N92-16809* c 74 . INT-PATENT-CLASS-H04N-13/00
NASA-CASE-NPO-18028-1-CU
US-PATENT-APPL-SN-608452
US-PATENT-CLASS-358-88
US-PATENT-CLASS-358-91
US-PATENT-CLASS-358-92
US-PATENT-5,065,236
N92-16810* c 74 . INT-PATENT-CLASS-G02B-23/00
INT-PATENT-CLASS-G02B-3/00
NASA-CASE-ARC-11892-1-SB
US-PATENT-APPL-SN-472939
US-PATENT-CLASS-359-362
US-PATENT-CLASS-359-572
US-PATENT-CLASS-359-744
US-PATENT-5,040,886
N92-16811* c 74 . INT-PATENT-CLASS-G02B-27/64
INT-PATENT-CLASS-G02B-7/02
NASA-CASE-ARC-11916-1-SB
US-PATENT-APPL-SN-531373
US-PATENT-CLASS-359-557
US-PATENT-CLASS-359-813
US-PATENT-CLASS-359-819
US-PATENT-5,077,622
N92-17677*# c 37 ..... NAS 1.71:LAR-14169-1
NASA-CASE-LAR-14169-1
US-PATENT-APPL-SN-791728
N92-17863*# c 74 ..... NAS 1.71:MSC-21806-1
NASA-CASE-MSC-21806-1
US-PATENT-APPL-SN-780513
N92-17870*# c 24 ..... NAS 1.71:MFS-28431-1
NASA-CASE-MFS-28431-1
US-PATENT-APPL-SN-812084
N92-17909*# c 34 ..... NAS 1.71:LAR-14547-1
NASA-CASE-LAR-14547-1
US-PATENT-APPL-SN-748224
N92-18561* c 24 ..... NASA-CASE-NPO-17736-2-CU
US-PATENT-APPL-SN-392166
US-PATENT-APPL-SN-677373
US-PATENT-CLASS-437-200
US-PATENT-CLASS-437-40
US-PATENT-CLASS-437-907
US-PATENT-CLASS-437-935
US-PATENT-CLASS-437-942
US-PATENT-CLASS-437-973
US-PATENT-5,075,243
N92-21499* c 76 ..... NASA-CASE-NPO-17074-2-CU
US-PATENT-APPL-SN-102934
US-PATENT-APPL-SN-311376
US-PATENT-CLASS-156-DIG.64
US-PATENT-CLASS-156-608
US-PATENT-CLASS-156-617.1
US-PATENT-CLASS-156-620.1
US-PATENT-CLASS-156-620.3
US-PATENT-CLASS-156-620.4
US-PATENT-5,092,956
N92-21500* c 37 .... INT-PATENT-CLASS-E05C-5/02
NASA-CASE-GSC-13200-1
US-PATENT-APPL-SN-654454
US-PATENT-CLASS-292-DIG.39
US-PATENT-CLASS-292-110
US-PATENT-5,087,088
N92-21586* c 35 .. INT-PATENT-CLASS-G01L-19/04
NASA-CASE-LAR-14340-1-CU
US-PATENT-APPL-SN-575695
US-PATENT-CLASS-73-147
US-PATENT-CLASS-73-182
US-PATENT-CLASS-73-708
US-PATENT-5,076,103
N92-21587* c 05 . INT-PATENT-CLASS-B64C-21/10
NASA-CASE-LAR-13870-1-CU
US-PATENT-APPL-SN-429516
US-PATENT-CLASS-244-198
US-PATENT-CLASS-244-200
US-PATENT-CLASS-244-212
US-PATENT-CLASS-244-215
US-PATENT-5,088,665
N92-21588* c 02 ... INT-PATENT-CLASS-G01M-9/00
NASA-CASE-LAR-13742-1
US-PATENT-APPL-SN-621144
US-PATENT-CLASS-116-201
US-PATENT-CLASS-116-207
US-PATENT-CLASS-73-147
US-PATENT-5,070,729
N92-21589* c 54 ..... NASA-CASE-MSC-21868-1
US-PATENT-APPL-SN-765273
US-PATENT-CLASS-136-245
US-PATENT-CLASS-136-246
US-PATENT-CLASS-165-1
US-PATENT-CLASS-165-41
US-PATENT-CLASS-165-48.2
US-PATENT-CLASS-165-86
US-PATENT-CLASS-165-904
US-PATENT-5,086,828
N92-21710* c 35 .... INT-PATENT-CLASS-G01F-9/00
NASA-CASE-LAR-13508-1
US-PATENT-APPL-SN-146939
US-PATENT-CLASS-374-124
US-PATENT-CLASS-374-135
US-PATENT-CLASS-73-147
US-PATENT-CLASS-73-204.11
US-PATENT-5,085,073
N92-21711* c 27 .... INT-PATENT-CLASS-C08J-5/08
INT-PATENT-CLASS-C08K-3/04
INT-PATENT-CLASS-C08L-79/08
NASA-CASE-LAR-13925-1
US-PATENT-APPL-SN-301925
US-PATENT-CLASS-524-495
US-PATENT-CLASS-525-422
US-PATENT-CLASS-525-432
US-PATENT-CLASS-525-903
US-PATENT-5,098,961
N92-21712* c 32 ... INT-PATENT-CLASS-H03D-1/06
NASA-CASE-NPO-17628-1-CU
US-PATENT-APPL-SN-350813
US-PATENT-CLASS-329-310
US-PATENT-CLASS-375-80
US-PATENT-CLASS-375-94
US-PATENT-4,947,408
N92-21723* c 35 .. INT-PATENT-CLASS-B23B-39/00
NASA-CASE-LEW-14880-1
US-PATENT-APPL-SN-376738
US-PATENT-CLASS-408-14
US-PATENT-CLASS-408-16
US-PATENT-CLASS-408-241S
US-PATENT-5,096,340
N92-21724* c 34 .... INT-PATENT-CLASS-B05B-1/02
INT-PATENT-CLASS-B05B-1/14
NASA-CASE-NPO-17625-1-CU
US-PATENT-APPL-SN-531434
US-PATENT-CLASS-239-533.13
US-PATENT-CLASS-239-543
US-PATENT-CLASS-239-546
US-PATENT-CLASS-239-552
US-PATENT-CLASS-239-602
US-PATENT-5,080,286
N92-21725* c 24 ..... NASA-CASE-LEW-14999-1
US-PATENT-APPL-SN-560926
US-PATENT-CLASS-428-212
US-PATENT-CLASS-428-213
US-PATENT-CLASS-428-426
US-PATENT-CLASS-428-432
US-PATENT-CLASS-428-433
US-PATENT-CLASS-428-469
US-PATENT-CLASS-428-472.2
US-PATENT-5,080,977
N92-21726* c 37 .. INT-PATENT-CLASS-F16B-19/00
INT-PATENT-CLASS-F16B-35/02
NASA-CASE-MSC-21580-1
US-PATENT-APPL-SN-648772
US-PATENT-CLASS-411-354
US-PATENT-CLASS-411-385
US-PATENT-CLASS-411-65
US-PATENT-CLASS-411-901
US-PATENT-CLASS-411-908
US-PATENT-5,090,857
N92-21727* c 37 ..... NASA-CASE-MSC-21748-1
US-PATENT-APPL-SN-657598
US-PATENT-CLASS-277-3
US-PATENT-CLASS-277-34
US-PATENT-CLASS-277-34.3
US-PATENT-CLASS-285-223
US-PATENT-CLASS-285-346
US-PATENT-CLASS-285-910
US-PATENT-CLASS-285-97
US-PATENT-5,102,150
N92-21728* c 37 .. INT-PATENT-CLASS-B60T-13/04
NASA-CASE-GSC-13376-1
US-PATENT-APPL-SN-677008
US-PATENT-CLASS-188-171
US-PATENT-CLASS-188-82.84
US-PATENT-CLASS-188-82.9
US-PATENT-5,103,941
N92-21999* c 18 ... INT-PATENT-CLASS-B64G-1/62
NASA-CASE-MSC-21536-1
US-PATENT-APPL-SN-458476
US-PATENT-CLASS-244-160
US-PATENT-CLASS-244-162
US-PATENT-CLASS-244-163
US-PATENT-5,064,151
N92-22033* c 32 ... INT-PATENT-CLASS-G06G-7/12
NASA-CASE-NPO-17564-1-CU
US-PATENT-APPL-SN-414811
US-PATENT-CLASS-307-201
US-PATENT-CLASS-364-807
US-PATENT-CLASS-395-24
US-PATENT-5,101,361
N92-22034* c 74 ... INT-PATENT-CLASS-G01B-9/02
NASA-CASE-NPO-17913-1-CU
US-PATENT-APPL-SN-527509
US-PATENT-CLASS-356-351
US-PATENT-CLASS-356-360
US-PATENT-CLASS-356-363
US-PATENT-5,080,490
N92-22035* c 76 ..... NASA-CASE-NPO-17724-1-CU
US-PATENT-APPL-SN-488578
US-PATENT-CLASS-148-DIG.22
US-PATENT-CLASS-437-105
US-PATENT-CLASS-437-107
US-PATENT-CLASS-437-133
US-PATENT-CLASS-437-85
US-PATENT-CLASS-437-936
US-PATENT-CLASS-437-945
US-PATENT-5,094,974
N92-22036* c 37 . INT-PATENT-CLASS-G06F-15/00
NASA-CASE-NPO-17800-1-CU
US-PATENT-APPL-SN-522949
US-PATENT-CLASS-395-86
US-PATENT-CLASS-395-95
US-PATENT-CLASS-901-6
US-PATENT-5,086,400
N92-22037* c 44 . INT-PATENT-CLASS-H01C-31/58
NASA-CASE-LEW-14731-1
US-PATENT-APPL-SN-503486
US-PATENT-CLASS-136-253
US-PATENT-5,080,724
N92-22038* c 35 .... INT-PATENT-CLASS-B23H-9/00
NASA-CASE-LEW-14967-2
US-PATENT-APPL-SN-531433
US-PATENT-APPL-SN-685062
US-PATENT-CLASS-219-69.17
US-PATENT-CLASS-374-29
US-PATENT-CLASS-40-703
US-PATENT-5,086,204
N92-22039* c 35 ... INT-PATENT-CLASS-G01B-5/02
NASA-CASE-MSC-21700-1
US-PATENT-APPL-SN-640775
US-PATENT-CLASS-33-10
US-PATENT-CLASS-33-15D
US-PATENT-CLASS-33-520
US-PATENT-CLASS-33-644
US-PATENT-5,083,378
N92-22040* c 76 ..... NASA-CASE-NPO-17812-2-CU
US-PATENT-APPL-SN-387928
US-PATENT-APPL-SN-642765
US-PATENT-CLASS-156-643
US-PATENT-CLASS-357-5
US-PATENT-CLASS-427-419.1
US-PATENT-CLASS-427-419.2
US-PATENT-CLASS-427-62
US-PATENT-CLASS-427-63
US-PATENT-5,100,694
N92-22041* c 76 .. INT-PATENT-CLASS-H01L-27/12
INT-PATENT-CLASS-H01L-39/22
NASA-CASE-NPO-17812-3-CU
US-PATENT-APPL-SN-387928
US-PATENT-APPL-SN-641798
US-PATENT-CLASS-357-4
US-PATENT-CLASS-357-5
US-PATENT-CLASS-505-862
US-PATENT-CLASS-505-871
US-PATENT-5,099,294
N92-22042* c 33 ... INT-PATENT-CLASS-H02N-1/08
NASA-CASE-NPO-17684-1-CU
US-PATENT-APPL-SN-443522
US-PATENT-CLASS-310-308
US-PATENT-CLASS-310-309
US-PATENT-5,084,645
N92-22043* c 37 .. INT-PATENT-CLASS-F16J-15/46
NASA-CASE-LEW-15085-1
US-PATENT-APPL-SN-610879
US-PATENT-CLASS-239-265.11
US-PATENT-CLASS-277-229
US-PATENT-CLASS-277-234
US-PATENT-CLASS-277-3
US-PATENT-CLASS-277-34
US-PATENT-CLASS-277-76
US-PATENT-5,082,293
N92-22044* c 27 ..... NASA-CASE-LAR-14346-1
US-PATENT-APPL-SN-250480
US-PATENT-APPL-SN-434195
US-PATENT-CLASS-525-275
US-PATENT-CLASS-525-421
US-PATENT-CLASS-525-422
US-PATENT-CLASS-526-248
US-PATENT-CLASS-526-249
US-PATENT-CLASS-526-262
US-PATENT-5,081,198
N92-23377*# c 37 ..... NAS 1.71:GSC-13360-1

US-PATENT-APPL-SN-506636
US-PATENT-CLASS-250-231.14
US-PATENT-CLASS-369-44.26
US-PATENT-5,107,107
N92-29135* c 35 ... INT-PATENT-CLASS-G21K-7/00
NASA-CASE-MFS-28485-1
US-PATENT-APPL-SN-606988
US-PATENT-CLASS-378-210
US-PATENT-CLASS-378-43
US-PATENT-5,107,526
N92-29137* c 54 ..... NASA-CASE-MSC-21589-1
US-PATENT-APPL-SN-529427
US-PATENT-CLASS-252-DIG.13
US-PATENT-CLASS-252-DIG.14
US-PATENT-CLASS-252-DIG.5
US-PATENT-CLASS-252-545
US-PATENT-CLASS-252-547
US-PATENT-CLASS-4-661
US-PATENT-CLASS-424-70
US-PATENT-5,116,543
N92-29138* c 37 .... INT-PATENT-CLASS-B66C-1/62
NASA-CASE-GSC-13261-1
US-PATENT-APPL-SN-628529
US-PATENT-CLASS-294-119.1
US-PATENT-CLASS-294-902
US-PATENT-CLASS-901-39
US-PATENT-5,120,101
N92-29140* c 37 ... INT-PATENT-CLASS-B25G-3/00
NASA-CASE-GSC-13220-1
US-PATENT-APPL-SN-636532
US-PATENT-CLASS-403-13
US-PATENT-CLASS-403-24
US-PATENT-5,112,154
N92-29141* c 23 INT-PATENT-CLASS-C07D-271/10
INT-PATENT-CLASS-C08G-73/08
NASA-CASE-LAR-14427-1
US-PATENT-APPL-SN-645089
US-PATENT-CLASS-528-185
US-PATENT-CLASS-548-143
US-PATENT-5,118,781
N92-29143* c 44 .... INT-PATENT-CLASS-F03G-6/00
NASA-CASE-LEW-14949-1
US-PATENT-APPL-SN-676910
US-PATENT-CLASS-126-433
US-PATENT-CLASS-126-436
US-PATENT-CLASS-60-641.8
US-PATENT-CLASS-60-659
US-PATENT-5,113,659
N92-29148* c 47 . INT-PATENT-CLASS-G01C-21/00
NASA-CASE-NPO-18115-1-CU
US-PATENT-APPL-SN-618790
US-PATENT-CLASS-364-443
US-PATENT-CLASS-374-112
US-PATENT-CLASS-73-178R
US-PATENT-5,117,689
N92-29150* c 37 .. INT-PATENT-CLASS-F16B-37/08
NASA-CASE-MSC-21799-1
US-PATENT-APPL-SN-759367
US-PATENT-CLASS-411-14
US-PATENT-CLASS-411-267
US-PATENT-CLASS-411-433
US-PATENT-5,118,237
N92-29151* c 37 . INT-PATENT-CLASS-G02B-26/02
NASA-CASE-GSC-13189-2
US-PATENT-APPL-SN-331119
US-PATENT-APPL-SN-613188
US-PATENT-CLASS-359-230
US-PATENT-CLASS-359-236
US-PATENT-5,128,796
N92-29153* c 33 ... INT-PATENT-CLASS-G05G-9/00
NASA-CASE-GSC-13187-1
US-PATENT-APPL-SN-657790
US-PATENT-CLASS-248-65
US-PATENT-CLASS-248-68.1
US-PATENT-CLASS-273-148B
US-PATENT-CLASS-338-128
US-PATENT-CLASS-74-471XY
US-PATENT-5,113,714
N92-29154* c 38 . INT-PATENT-CLASS-G01R-35/00
NASA-CASE-GSC-13386-1
US-PATENT-APPL-SN-758977
US-PATENT-CLASS-324-224
US-PATENT-CLASS-324-226
US-PATENT-CLASS-324-262
US-PATENT-CLASS-356-432
US-PATENT-CLASS-374-4
US-PATENT-CLASS-374-45
US-PATENT-5,124,640
N92-29155* c 39 ..... NASA-CASE-LAR-13817-2
US-PATENT-APPL-SN-210486
US-PATENT-APPL-SN-449209
US-PATENT-CLASS-324-209
US-PATENT-CLASS-324-226
US-PATENT-CLASS-324-227
US-PATENT-CLASS-324-235
US-PATENT-CLASS-324-239
US-PATENT-CLASS-73-801
US-PATENT-5,109,195
N92-29156* c 35 .. INT-PATENT-CLASS-F25B-19/02
NASA-CASE-NPO-18184-1-CU
US-PATENT-APPL-SN-636076
US-PATENT-CLASS-62.224
US-PATENT-CLASS-62-51.2
US-PATENT-5,119,637
N92-29157* c 27 INT-PATENT-CLASS-C08F-283/04
NASA-CASE-LAR-13669-1
US-PATENT-APPL-SN-084064
US-PATENT-CLASS-525-420
US-PATENT-CLASS-525-432
US-PATENT-CLASS-528-179
US-PATENT-CLASS-528-185
US-PATENT-CLASS-528-352
US-PATENT-CLASS-528-353
US-PATENT-5,116,939
N92-29158* c 74 ..... NASA-CASE-LAR-13616-3
US-PATENT-APPL-SN-140185
US-PATENT-APPL-SN-337768
US-PATENT-APPL-SN-693049
US-PATENT-CLASS-427-108
US-PATENT-CLASS-427-109
US-PATENT-CLASS-427-38
US-PATENT-CLASS-427-66
US-PATENT-CLASS-427-68
US-PATENT-5,104,683
N92-29829* # c 38 ..... NAS 1.71:LAR-14559-1
NASA-CASE-LAR-14559-1
US-PATENT-APPL-SN-878631
N92-29830* # c 34 ..... NAS 1.71:LAR-14815-1-CU
NASA-CASE-LAR-14815-1-CU
US-PATENT-APPL-SN-820432
N92-29951* # c 74 ..... NAS 1.71:LAR-14779-1
NASA-CASE-LAR-14779-1
US-PATENT-APPL-SN-885714
N92-29952* # c 35 ..... NAS 1.71:MSC-21961-1
NASA-CASE-MSC-21961-1
US-PATENT-APPL-SN-901626
N92-29953* # c 27 ..... NAS 1.71:LAR-14643-1
NASA-CASE-LAR-14643-1
US-PATENT-APPL-SN-790730
N92-30027* # c 74 ..... NAS 1.71:MSC-21915-1
NASA-CASE-MSC-21915-1
US-PATENT-APPL-SN-863883
N92-30083* # c 29 ..... NAS 1.71:NPO-18448-1-CU
NASA-CASE-NPO-18448-1-CU
US-PATENT-APPL-SN-786612
N92-30085* # c 63 ..... NAS 1.71:NPO-18553-1-CU
NASA-CASE-NPO-18553-1-CU
US-PATENT-APPL-SN-908677
N92-30098* # c 25 ..... NAS 1.71:LAR-14398-1
NASA-CASE-LAR-14398-1
US-PATENT-APPL-SN-736985
N92-30099* # c 39 ..... NAS 1.71:LAR-14775-1
NASA-CASE-LAR-14775-1
US-PATENT-APPL-SN-881912
N92-30100* # c 27 ..... NAS 1.71:MSC-21529-1
NASA-CASE-MSC-21529-1
US-PATENT-APPL-SN-857901
N92-30104* # c 74 ..... NAS 1.71:NPO-17794-1-CU
NASA-CASE-NPO-17794-1-CU
US-PATENT-APPL-SN-904550
N92-30386* # c 82 ..... NAS 1.71:LAR-14651-1
NASA-CASE-LAR-14651-1
US-PATENT-APPL-SN-799571
N92-30387* # c 34 ..... NAS 1.71:LAR-14682-1
NASA-CASE-LAR-14682-1
US-PATENT-APPL-SN-887002
N92-30540* # c 37 ..... NAS 1.71:MSC-21940-1
NASA-CASE-MSC-21940-1
US-PATENT-APPL-SN-892072
N92-30541* # c 60 ..... NAS 1.71:LAR-13950-1
NASA-CASE-LAR-13950-1
US-PATENT-APPL-SN-891604
N92-30543* # c 61 ..... NAS 1.71:NPO-18435-1-CU
NASA-CASE-NPO-18435-1-CU
US-PATENT-APPL-SN-792501
N92-31150* # c 32 ..... NASA-CASE-LAR-14679-2
US-PATENT-APPL-SN-790731
N92-31788* c 36 .... INT-PATENT-CLASS-H01S-3/10
NASA-CASE-LAR-13772-1
US-PATENT-APPL-SN-359460
US-PATENT-CLASS-372-25
US-PATENT-CLASS-372-30
US-PATENT-5,128,949
N92-31790* c 35 ... INT-PATENT-CLASS-C12M-1/10
INT-PATENT-CLASS-C12M-1/12
INT-PATENT-CLASS-C12M-3/00
INT-PATENT-CLASS-C12M-3/02
NASA-CASE-MFS-28370-1
US-PATENT-APPL-SN-386175
US-PATENT-CLASS-435-286
US-PATENT-CLASS-435-311
US-PATENT-CLASS-435-312
US-PATENT-5,104,802
N92-31792* c 27 .. INT-PATENT-CLASS-C08L-79/08
NASA-CASE-LAR-14159-1-CU
US-PATENT-APPL-SN-439317
US-PATENT-CLASS-525-420
US-PATENT-CLASS-525-434
US-PATENT-CLASS-525-436
US-PATENT-5,112,923
N92-33008* c 27 ..... NASA-CASE-LAR-14001-1
US-PATENT-APPL-SN-433812
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-172
US-PATENT-CLASS-528-185
US-PATENT-CLASS-528-229
US-PATENT-CLASS-528-352
US-PATENT-CLASS-528-353
US-PATENT-5,145,937
N92-33009* c 25 ..... NASA-CASE-MSC-21487-1
US-PATENT-APPL-SN-429739
US-PATENT-CLASS-210-198.2
US-PATENT-CLASS-210-502.1
US-PATENT-CLASS-210-635
US-PATENT-CLASS-428-315.5
US-PATENT-CLASS-428-315.7
US-PATENT-CLASS-428-404
US-PATENT-CLASS-530-413
US-PATENT-5,141,806
N92-33010* c 35 ... INT-PATENT-CLASS-B64G-1/66
NASA-CASE-MFS-28425-1
US-PATENT-APPL-SN-527462
US-PATENT-CLASS-244-158R
US-PATENT-CLASS-343-766
US-PATENT-CLASS-74-61
US-PATENT-CLASS-74-87
US-PATENT-5,129,600
N92-33011* c 33 . INT-PATENT-CLASS-G06F-11/10
NASA-CASE-NPO-17897-1-CU
US-PATENT-APPL-SN-480449
US-PATENT-CLASS-371-37.1
US-PATENT-5,130,990
N92-33012* # c 89 ... INT-PATENT-CLASS-G21K-7/00
NASA-CASE-MFS-28013-4
US-PATENT-APPL-SN-545008
US-PATENT-APPL-SN-765979
US-PATENT-CLASS-378-210
US-PATENT-CLASS-378-43
US-PATENT-5,146,482
N92-33013* c 18 ... INT-PATENT-CLASS-B64G-1/40
NASA-CASE-LAR-13780-1
US-PATENT-APPL-SN-575737
US-PATENT-CLASS-244-158R
US-PATENT-CLASS-244-160
US-PATENT-CLASS-244-172
US-PATENT-5,143,327
N92-33014* c 27 ..... NASA-CASE-LAR-14163-1
US-PATENT-APPL-SN-560717
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-126
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-173
US-PATENT-CLASS-528-179
US-PATENT-CLASS-528-182
US-PATENT-CLASS-528-188
US-PATENT-5,147,966
N92-33015* c 27 ..... NASA-CASE-LAR-14351-1
US-PATENT-APPL-SN-589571
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-172
US-PATENT-CLASS-528-185
US-PATENT-CLASS-528-352
US-PATENT-CLASS-528-353
US-PATENT-CLASS-564-315
US-PATENT-5,145,942
N92-33016* c 35 .... INT-PATENT-CLASS-A61B-5/02
NASA-CASE-LAR-14088-1-CU
US-PATENT-APPL-SN-552670
US-PATENT-CLASS-128-715
US-PATENT-CLASS-128-775
US-PATENT-5,140,992
N92-33017* c 74 .. INT-PATENT-CLASS-H01J-40/14
NASA-CASE-LAR-14402-1-CU
US-PATENT-APPL-SN-586369
US-PATENT-CLASS-250-227.21
US-PATENT-CLASS-250-231.19
US-PATENT-CLASS-358-12
US-PATENT-CLASS-73-705
US-PATENT-5,146,083
N92-33018* c 37 ..... NASA-CASE-MSC-21463-1
US-PATENT-APPL-SN-636531
US-PATENT-CLASS-244-161
US-PATENT-CLASS-294-65.5
US-PATENT-CLASS-294-66.2
US-PATENT-CLASS-294-86.4
US-PATENT-CLASS-294-907

N93-22017* # c 82 ..... NAS 1.71:MSC-22093-1
NASA-CASE-MSC-22093-1
US-PATENT-APPL-SN-014985
N93-22032* c 60 . INT-PATENT-CLASS-G06F-15/40
NASA-CASE-NPO-17939-1-CU
US-PATENT-APPL-SN-543915
US-PATENT-CLASS-365-131
US-PATENT-CLASS-371-67.1
US-PATENT-CLASS-371-68.1
US-PATENT-5,200,963
N93-22033* c 27 INT-PATENT-CLASS-C08F-222/40
NASA-CASE-LAR-14330-2-CU
US-PATENT-APPL-SN-568128
US-PATENT-CLASS-526-262
US-PATENT-CLASS-528-170
US-PATENT-CLASS-528-321
US-PATENT-CLASS-528-322
US-PATENT-5,200,497
N93-22034* c 07 .... INT-PATENT-CLASS-F02K-3/04
INT-PATENT-CLASS-F02K-3/08
NASA-CASE-LEW-15094-1
US-PATENT-APPL-SN-647902
US-PATENT-CLASS-60-226.1
US-PATENT-CLASS-60-39.17
US-PATENT-5,184,460
N93-22035* c 31 INT-PATENT-CLASS-A47L-11/282
NASA-CASE-LAR-14483-1
US-PATENT-APPL-SN-682153
US-PATENT-CLASS-15-52
US-PATENT-CLASS-15-80
US-PATENT-CLASS-15-87
US-PATENT-5,199,128
N93-22036* c 25 .... INT-PATENT-CLASS-C13K-1/02
NASA-CASE-MSC-21936-1-SB
US-PATENT-APPL-SN-728901
US-PATENT-CLASS-127-1
US-PATENT-CLASS-127-2
US-PATENT-CLASS-127-37
US-PATENT-CLASS-162-50
US-PATENT-CLASS-162-72
US-PATENT-CLASS-162-76
US-PATENT-5,196,069
N93-22037* c 74 . INT-PATENT-CLASS-G01M-19/00
INT-PATENT-CLASS-G01M-9/06
NASA-CASE-LAR-14568-1
US-PATENT-APPL-SN-808302
US-PATENT-CLASS-244-204
US-PATENT-CLASS-250-330
US-PATENT-CLASS-250-338.5
US-PATENT-CLASS-250-340
US-PATENT-CLASS-73-147
US-PATENT-5,200,621
N93-22384* c 37 .. INT-PATENT-CLASS-F16B-21/00
NASA-CASE-LAR-14542-1
US-PATENT-APPL-SN-743485
US-PATENT-CLASS-411-103
US-PATENT-CLASS-411-340
US-PATENT-CLASS-411-402
US-PATENT-5,197,839
N93-23075* c 37 .. INT-PATENT-CLASS-F16D-63/00
NASA-CASE-MSC-21555-1
US-PATENT-APPL-SN-656925
US-PATENT-CLASS-188-129
US-PATENT-CLASS-188-67
US-PATENT-CLASS-188-82.84
US-PATENT-5,197,573
N93-23076* c 37 .. INT-PATENT-CLASS-F16C-11/00
NASA-CASE-MSC-21918-1
US-PATENT-APPL-SN-899536
US-PATENT-CLASS-403-324
US-PATENT-CLASS-403-84
US-PATENT-CLASS-403-93
US-PATENT-CLASS-403-97
US-PATENT-5,197,817
N93-23078* c 37 .... INT-PATENT-CLASS-B25J-3/00
NASA-CASE-NPO-17851-1-CU
US-PATENT-APPL-SN-608658
US-PATENT-CLASS-414-5
US-PATENT-CLASS-414-7
US-PATENT-5,193,963
N93-24596* c 39 .... INT-PATENT-CLASS-F16F-1/14
NASA-CASE-NPO-17914-1-CU
US-PATENT-APPL-SN-575697
US-PATENT-CLASS-188-322.5
US-PATENT-CLASS-267-141.2
US-PATENT-CLASS-267-154
US-PATENT-5,203,435
N93-24597* c 24 . INT-PATENT-CLASS-B05C-3/152
INT-PATENT-CLASS-B29B-15/12
INT-PATENT-CLASS-B29C-67/14
NASA-CASE-LAR-14459-1
US-PATENT-APPL-SN-613046
US-PATENT-CLASS-118-124
US-PATENT-CLASS-118-125
US-PATENT-CLASS-156-181
US-PATENT-CLASS-156-441
US-PATENT-5,205,898
N93-24598* c 14 ... INT-PATENT-CLASS-B64G-7/00
NASA-CASE-LAR-14272-1-CU
US-PATENT-APPL-SN-678553
US-PATENT-CLASS-248-328
US-PATENT-CLASS-434-34
US-PATENT-CLASS-73-865.6
US-PATENT-CLASS-73-866.4
US-PATENT-5,207,110
N93-24599* c 63 .. INT-PATENT-CLASS-H01J-31/50
NASA-CASE-NPO-18497-1-CU
US-PATENT-APPL-SN-845283
US-PATENT-CLASS-250-214LS
US-PATENT-CLASS-250-551
US-PATENT-CLASS-307-201
US-PATENT-5,204,521
N93-24600* c 29 ... INT-PATENT-CLASS-H05H-3/04
NASA-CASE-NPO-18448-1-CU
US-PATENT-APPL-SN-786612
US-PATENT-CLASS-250-251
US-PATENT-5,206,504
N93-24601* c 09 . INT-PATENT-CLASS-G01P-13/04
NASA-CASE-NPO-18191-1-CU
US-PATENT-APPL-SN-660380
US-PATENT-CLASS-73-505
US-PATENT-5,203,209
N93-24602* c 71 .. INT-PATENT-CLASS-H01J-40/14
NASA-CASE-LAR-14402-2-CU
US-PATENT-APPL-SN-894504
US-PATENT-CLASS-250-227.21
US-PATENT-CLASS-250-231.19
US-PATENT-CLASS-364-571.01
US-PATENT-5,200,610
N93-25994* c 51 INT-PATENT-CLASS-G01N-33/569
NASA-CASE-NPO-17653-1-CU
US-PATENT-APPL-SN-501908
US-PATENT-CLASS-435-7.32
US-PATENT-CLASS-435-7.92
US-PATENT-CLASS-435-874
US-PATENT-CLASS-436-518
US-PATENT-5,210,019
N93-25995* c 27 . INT-PATENT-CLASS-B29C-45/16
NASA-CASE-LAR-13645-1
US-PATENT-APPL-SN-721038
US-PATENT-CLASS-156-245
US-PATENT-CLASS-264-DIG.65
US-PATENT-CLASS-264-135
US-PATENT-CLASS-264-259
US-PATENT-CLASS-264-265
US-PATENT-5,213,739
N93-25996* c 09 ... INT-PATENT-CLASS-G01M-9/00
NASA-CASE-LAR-14424-1-SB
US-PATENT-APPL-SN-743468
US-PATENT-CLASS-73-147
US-PATENT-5,211,057
N93-25997* # c 27 ..... NASA-CASE-LAR-14457-1
US-PATENT-APPL-SN-520472
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-170
US-PATENT-CLASS-528-172
US-PATENT-CLASS-528-173
US-PATENT-CLASS-528-176
US-PATENT-CLASS-528-183
US-PATENT-5,212,276
N93-25998* # c 08 . INT-PATENT-CLASS-B64C-27/00
NASA-CASE-LAR-14219-1
US-PATENT-APPL-SN-788908
US-PATENT-CLASS-244-17.11
US-PATENT-CLASS-244-17.19
US-PATENT-CLASS-244-75R
US-PATENT-5,209,430
N93-25999* c 27 ..... NASA-CASE-LAR-14753-1
US-PATENT-APPL-SN-845090
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-170
US-PATENT-CLASS-528-172
US-PATENT-CLASS-528-173
US-PATENT-CLASS-528-176
US-PATENT-CLASS-528-353
US-PATENT-5,212,283
N93-26000* c 34 ... INT-PATENT-CLASS-G01M-9/00
NASA-CASE-LAR-14824-1-SB
US-PATENT-APPL-SN-823805
US-PATENT-CLASS-73-147
US-PATENT-CLASS-73-178R
US-PATENT-CLASS-73-204.11
US-PATENT-5,209,111
N93-26001* c 37 .. INT-PATENT-CLASS-F16C-19/52
INT-PATENT-CLASS-F16C-43/04
NASA-CASE-MFS-28629-1
US-PATENT-APPL-SN-957128
US-PATENT-CLASS-384-493
US-PATENT-CLASS-384-537
US-PATENT-CLASS-384-585
US-PATENT-5,211,489
N93-26100* c 24 ..... NASA-CASE-LEW-15262-1
US-PATENT-APPL-SN-892055
US-PATENT-CLASS-264-58
US-PATENT-CLASS-428-428
US-PATENT-CLASS-428-698
US-PATENT-CLASS-501-32
US-PATENT-CLASS-501-8
US-PATENT-CLASS-501-89
US-PATENT-CLASS-501-95
US-PATENT-5,214,004
N93-26101* c 31 ..... NASA-CASE-LAR-14179-1
US-PATENT-APPL-SN-740526
US-PATENT-CLASS-118-308
US-PATENT-CLASS-118-325
US-PATENT-CLASS-427-180
US-PATENT-CLASS-427-195
US-PATENT-CLASS-427-294
US-PATENT-CLASS-427-295
US-PATENT-CLASS-427-296
US-PATENT-5,213,843
N93-26102* c 39 ... INT-PATENT-CLASS-G01N-3/00
NASA-CASE-LAR-14399-1
US-PATENT-APPL-SN-797507
US-PATENT-CLASS-73-641
US-PATENT-CLASS-73-788
US-PATENT-5,209,123
N93-26103* c 35 ... INT-PATENT-CLASS-G01B-5/20
INT-PATENT-CLASS-G01B-7/28
INT-PATENT-CLASS-G01N-27/72
NASA-CASE-GSC-13506-1
US-PATENT-APPL-SN-904308
US-PATENT-CLASS-324-207.16
US-PATENT-CLASS-324-220
US-PATENT-CLASS-324-262
US-PATENT-CLASS-33-542
US-PATENT-5,214,379
N93-26104* c 33 . INT-PATENT-CLASS-G01R-27/26
NASA-CASE-GSC-13460-1
US-PATENT-APPL-SN-889577
US-PATENT-CLASS-324-662
US-PATENT-CLASS-324-681
US-PATENT-CLASS-324-683
US-PATENT-CLASS-324-690
US-PATENT-CLASS-340-870.37
US-PATENT-5,214,388
N93-28126* # c 32 ..... NAS 1.71:NPO-18970-1-CU
NASA-CASE-NPO-18970-1-CU
US-PATENT-APPL-SN-039783
N93-28128* # c 53 ..... NAS 1.71:LAR-15022-1
NASA-CASE-LAR-15022-1
US-PATENT-APPL-SN-029808
N93-28129* # c 37 ..... NAS 1.71:NPO-18902-1-CU
NASA-CASE-NPO-18902-1-CU
US-PATENT-APPL-SN-034607
N93-28130* # c 82 ..... NAS 1.71:LEW-15700-1
NASA-CASE-LEW-15700-1
US-PATENT-APPL-SN-029520
N93-28132* # c 36 ..... NAS 1.71:NPO-18596-1-CU
NASA-CASE-NPO-18596-1-CU
US-PATENT-APPL-SN-023252
N93-28133* # c 74 ..... NAS 1.71:NPO-18769-1-CU
NASA-CASE-NPO-18769-1-CU
US-PATENT-APPL-SN-046331
N93-28135* # c 74 ..... NAS 1.71:MSC-22255-1
NASA-CASE-MSC-22255-1
US-PATENT-APPL-SN-977302
N93-28136* # c 31 ..... NAS 1.71:MSC-22091-1
NASA-CASE-MSC-22091-1
US-PATENT-APPL-SN-039602
N93-28324* # c 20 ..... NAS 1.71:MFS-28739-1
NASA-CASE-MFS-28739-1
US-PATENT-APPL-SN-010034
N93-28326* # c 37 ..... NAS 1.71:MFS-28491-1
NASA-CASE-MFS-28491-1
US-PATENT-APPL-SN-010030
N93-28422* # c 32 ..... NAS 1.71:NPO-18678-1-CU
NASA-CASE-NPO-18678-1-CU
US-PATENT-APPL-SN-056018
N93-28423* # c 27 ..... NAS 1.71:LEW-15314-2
NASA-CASE-LEW-15314-2
US-PATENT-APPL-SN-081180
N93-28424* # c 20 ..... NAS 1.71:NPO-18391-1-CU
NASA-CASE-NPO-18391-1-CU
US-PATENT-APPL-SN-066829
N93-28425* # c 27 ..... NAS 1.71:LEW-15306-2
NASA-CASE-LEW-15306-2
US-PATENT-APPL-SN-065794
N93-28426* # c 27 ..... NAS 1.71:NPO-18501-1-CU
NASA-CASE-NPO-18501-1-CU
US-PATENT-APPL-SN-052419
N93-28427* # c 62 ..... NAS 1.71:NPO-18727-1-CU
NASA-CASE-NPO-18727-1-CU
US-PATENT-APPL-SN-042486
N93-28428* # c 74 ..... NAS 1.71:NPO-18662-1-CU
NASA-CASE-NPO-18662-1-CU

US-PATENT-APPL-SN-020813
N93-28952* # c 51 ..... NAS 1.71:MFS-28402-1
NASA-CASE-MFS-28402-1
US-PATENT-APPL-SN-024547
N93-28953* # c 71 ..... NAS 1.71:LEW-15170-1
NASA-CASE-LEW-15170-1
US-PATENT-APPL-SN-046256
N93-28955* # c 32 ..... NAS 1.71:NPO-18772-1-CU
NASA-CASE-NPO-18772-1-CU
US-PATENT-APPL-SN-999794
N93-28974* c 44 ... INT-PATENT-CLASS-H01M-8/14
NASA-CASE-LEW-14973-1
US-PATENT-APPL-SN-766593
US-PATENT-CLASS-429-103
US-PATENT-CLASS-429-16
US-PATENT-CLASS-429-27
US-PATENT-CLASS-429-29
US-PATENT-CLASS-429-30
US-PATENT-CLASS-429-46
US-PATENT-5,213,908
N93-29023* c 24 ..... NASA-CASE-MSC-21487-2
US-PATENT-APPL-SN-429739
US-PATENT-APPL-SN-894505
US-PATENT-CLASS-427-244
US-PATENT-CLASS-427-269
US-PATENT-CLASS-427-270
US-PATENT-CLASS-427-287
US-PATENT-CLASS-427-377
US-PATENT-CLASS-427-535
US-PATENT-5,215,790
N93-29083* c 27 ..... NASA-CASE-LAR-14206-1
US-PATENT-APPL-SN-429574
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-170
US-PATENT-CLASS-528-172
US-PATENT-CLASS-528-26
US-PATENT-CLASS-528-28
US-PATENT-CLASS-528-353
US-PATENT-5,218,083
N93-29084* c 35 ..... NASA-CASE-LAR-13823-1
US-PATENT-APPL-SN-749737
US-PATENT-CLASS-374-119
US-PATENT-CLASS-73-24.05
US-PATENT-CLASS-73-32A
US-PATENT-CLASS-73-5.97
US-PATENT-CLASS-73-61.75
US-PATENT-CLASS-73-61.79
US-PATENT-CLASS-73-64.53
US-PATENT-5,214,955
N93-29085* c 27 ..... NASA-CASE-LAR-14487-1
US-PATENT-APPL-SN-750158
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-126
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-172
US-PATENT-CLASS-528-173
US-PATENT-CLASS-528-179
US-PATENT-CLASS-528-188
US-PATENT-5,218,077
N93-29086* c 74 .... INT-PATENT-CLASS-G01J-3/12
NASA-CASE-NPO-18410-1-CU
US-PATENT-APPL-SN-805341
US-PATENT-CLASS-250-339
US-PATENT-CLASS-356-326
US-PATENT-CLASS-356-51
US-PATENT-CLASS-359-308
US-PATENT-5,216,484
N93-29087* c 32 ... INT-PATENT-CLASS-G01S-3/02
INT-PATENT-CLASS-H01L-23/02
INT-PATENT-CLASS-H05K-5/00
NASA-CASE-NPO-18713-1-CU
US-PATENT-APPL-SN-802078
US-PATENT-CLASS-257-712
US-PATENT-CLASS-342-351
US-PATENT-CLASS-343-700
US-PATENT-CLASS-361-394
US-PATENT-5,218,357
N93-29088* c 27 .... INT-PATENT-CLASS-B64D-7/00
NASA-CASE-MSC-21884-1
US-PATENT-APPL-SN-887674
US-PATENT-CLASS-244-121
US-PATENT-CLASS-244-158R
US-PATENT-CLASS-89-36.02
US-PATENT-5,217,185
N93-29175* # c 37 ..... NAS 1.71:LAR-14738-1
NASA-CASE-LAR-14738-1
US-PATENT-APPL-SN-064324
N93-29176* # c 63 ..... NAS 1.71:NPO-18492-1-CU
NASA-CASE-NPO-18492-1-CU
US-PATENT-APPL-SN-023253
N93-29503* c 35 .. INT-PATENT-CLASS-F16K-37/00
NASA-CASE-MFS-29904-1
US-PATENT-APPL-SN-957127
US-PATENT-CLASS-116-70
US-PATENT-CLASS-137-554
US-PATENT-CLASS-137-557
US-PATENT-CLASS-340-611
US-PATENT-5,226,447
N93-29504* c 60 . INT-PATENT-CLASS-G06F-15/18
NASA-CASE-NPO-18004-1-CU
US-PATENT-APPL-SN-677059
US-PATENT-CLASS-395-11
US-PATENT-CLASS-395-51
US-PATENT-5,226,110
N93-29505* c 37 . INT-PATENT-CLASS-B23Q-3/155
INT-PATENT-CLASS-B25J-15/04
NASA-CASE-GSC-13435-1
US-PATENT-APPL-SN-918746
US-PATENT-CLASS-414-729
US-PATENT-CLASS-483-16
US-PATENT-CLASS-483-901
US-PATENT-CLASS-901-30
US-PATENT-CLASS-901-41
US-PATENT-5,219,318
N93-29506* c 25 INT-PATENT-CLASS-C07C-323/09
NASA-CASE-LAR-14773-2-CU
US-PATENT-APPL-SN-755207
US-PATENT-CLASS-562-827
US-PATENT-CLASS-564-417
US-PATENT-CLASS-564-440
US-PATENT-5,220,070
N93-29507* c 32 . INT-PATENT-CLASS-H01Q-1/380
INT-PATENT-CLASS-H01Q-19/300
NASA-CASE-NPO-17873-2-CU
US-PATENT-APPL-SN-501892
US-PATENT-APPL-SN-664445
US-PATENT-CLASS-343-700MS
US-PATENT-CLASS-343-819
US-PATENT-CLASS-343-833
US-PATENT-CLASS-343-834
US-PATENT-5,220,335
N93-29608* c 60 . INT-PATENT-CLASS-G06F-15/16
INT-PATENT-CLASS-G06F-9/00
NASA-CASE-NPO-17629-1-CU
US-PATENT-APPL-SN-458280
US-PATENT-CLASS-364-DIG.1
US-PATENT-CLASS-364-231.9
US-PATENT-CLASS-395-800
US-PATENT-5,218,709
N93-29609* c 24 .. INT-PATENT-CLASS-B01J-19/28
NASA-CASE-LEW-15077-2
US-PATENT-APPL-SN-608493
US-PATENT-APPL-SN-735548
US-PATENT-CLASS-422-136
US-PATENT-CLASS-422-209
US-PATENT-5,225,171
N93-29610* c 53 . INT-PATENT-CLASS-G06F-15/18
NASA-CASE-MSC-21625-1
US-PATENT-APPL-SN-716182
US-PATENT-CLASS-395-23
US-PATENT-5,228,113
N93-29611* c 31 . INT-PATENT-CLASS-D03C-13/00
INT-PATENT-CLASS-D03D-13/00
INT-PATENT-CLASS-D03D-41/00
NASA-CASE-LAR-14048-1
US-PATENT-APPL-SN-766609
US-PATENT-CLASS-139-DIG.1
US-PATENT-CLASS-139-11
US-PATENT-CLASS-428-225
US-PATENT-5,224,519
N93-29612* c 39 . INT-PATENT-CLASS-G01N-19/08
INT-PATENT-CLASS-G01R-27/02
NASA-CASE-LAR-14480-1-CU
US-PATENT-APPL-SN-705474
US-PATENT-CLASS-324-699
US-PATENT-CLASS-324-718
US-PATENT-CLASS-73-799
US-PATENT-5,227,731
N93-29613* c 39 ..... NASA-CASE-LAR-14654-1-CU
US-PATENT-APPL-SN-849612
US-PATENT-CLASS-359-67
US-PATENT-CLASS-359-74
US-PATENT-CLASS-359-82
US-PATENT-CLASS-428-1
US-PATENT-CLASS-428-409
US-PATENT-CLASS-428-480
US-PATENT-CLASS-428-913
US-PATENT-5,223,310
N93-29614* c 24 .... INT-PATENT-CLASS-H05K-7/20
NASA-CASE-LEW-14162-3
US-PATENT-APPL-SN-501893
US-PATENT-APPL-SN-657238
US-PATENT-APPL-SN-880851
US-PATENT-CLASS-165-185
US-PATENT-CLASS-174-16.3
US-PATENT-CLASS-361-386
US-PATENT-CLASS-428-614
US-PATENT-5,224,030
N93-29617* c 25 .... INT-PATENT-CLASS-C25B-1/02
INT-PATENT-CLASS-C25B-1/22
INT-PATENT-CLASS-C25C-1/06
NASA-CASE-MSC-21759-1
US-PATENT-APPL-SN-764581
US-PATENT-CLASS-204-104
US-PATENT-CLASS-204-105R
US-PATENT-CLASS-204-112
US-PATENT-CLASS-204-129
US-PATENT-5,227,032
N93-29618* c 37 . INT-PATENT-CLASS-G01N-19/02
NASA-CASE-MFS-28589-1
US-PATENT-APPL-SN-813628
US-PATENT-CLASS-73-9
US-PATENT-5,226,308
N93-29848* # c 74 ..... NAS 1.71:NPO-18357-1-CU
NASA-CASE-NPO-18357-1-CU
US-PATENT-APPL-SN-033512
N93-30413* # c 38 ..... NAS 1.71:NPO-18982-1-CU
NASA-CASE-NPO-18982-1-CU
US-PATENT-APPL-SN-047135
N93-30414* # c 38 ..... NAS 1.71:LAR-15063-1
NASA-CASE-LAR-15063-1
US-PATENT-APPL-SN-060617
N93-30415* # c 36 ..... NAS 1.71:NPO-18611-1-CU
NASA-CASE-NPO-18611-1-CU
US-PATENT-APPL-SN-044668
N93-30416* # c 06 ..... NAS 1.71:NPO-18733-1-CU
NASA-CASE-NPO-18733-1-CU
US-PATENT-APPL-SN-056503
N93-31292* # c 37 ..... NAS 1.77:MFS-28844-1
NASA-CASE-MFS-28844-1
US-PATENT-APPL-SN-081890
N93-31293* # c 24 ..... NAS 1.71:LEW-15264-1
NASA-CASE-LEW-15264-1
US-PATENT-APPL-SN-872262
N93-31295* # c 20 ..... NAS 1.71:LAR-14172-1
NASA-CASE-LAR-14172-1
US-PATENT-APPL-SN-090838
N93-31296* # c 24 ..... NAS 1.71:LEW-15241-2
NASA-CASE-LEW-15241-2
US-PATENT-APPL-SN-094732
N93-31297* # c 35 ..... NAS 1.71:LAR-14791-1
NASA-CASE-LAR-14791-1
US-PATENT-APPL-SN-879480
N93-31300* # c 27 ..... NAS 1.71:LEW-15154-2
NASA-CASE-LEW-15154-2
US-PATENT-APPL-SN-083246
N93-31314* # c 37 ..... NAS 1.71:LEW-14906-2
NASA-CASE-LEW-14906-2
US-PATENT-APPL-SN-104951
N93-31316* # c 27 ..... NAS 1.71:LEW-15576-1
NASA-CASE-LEW-15576-1
US-PATENT-APPL-SN-081910
N93-31317* # c 37 ..... NAS 1.71:GSC-13370-1
NASA-CASE-GSC-13370-1
US-PATENT-APPL-SN-656924
N94-10654* c 37 ..... NASA-CASE-NPO-18668-1-CU
US-PATENT-APPL-SN-912955
US-PATENT-CLASS-318-560
US-PATENT-CLASS-318-568.11
US-PATENT-CLASS-318-568.12
US-PATENT-CLASS-318-568.17
US-PATENT-CLASS-318-568.21
US-PATENT-CLASS-901-19
US-PATENT-CLASS-901-9
US-PATENT-5,239,246
N94-10655* c 37 .. INT-PATENT-CLASS-F16K-15/06
NASA-CASE-MSC-21903-1
US-PATENT-APPL-SN-902266
US-PATENT-CLASS-137-514.7
US-PATENT-5,232,013
N94-10656* c 33 .. INT-PATENT-CLASS-H01L-21/44
NASA-CASE-NPO-18062-1-CU
US-PATENT-APPL-SN-877966
US-PATENT-CLASS-148-DIG.80
US-PATENT-CLASS-437-195
US-PATENT-CLASS-437-203
US-PATENT-CLASS-437-234
US-PATENT-CLASS-437-3
US-PATENT-CLASS-437-5
US-PATENT-5,236,871
N94-10657* c 74 ... INT-PATENT-CLASS-G02B-1/10
INT-PATENT-CLASS-G02B-5/20
NASA-CASE-NPO-18433-1-CU
US-PATENT-APPL-SN-936417
US-PATENT-CLASS-359-359
US-PATENT-CLASS-359-360
US-PATENT-CLASS-359-582
US-PATENT-CLASS-359-585
US-PATENT-CLASS-359-892
US-PATENT-5,237,447
N94-10658* c 37 .. INT-PATENT-CLASS-F16K-15/06
NASA-CASE-MSC-21950-1
US-PATENT-APPL-SN-902265
US-PATENT-CLASS-137-514
US-PATENT-CLASS-137-514.7
US-PATENT-5,240,036
N94-10669* c 09 . INT-PATENT-CLASS-G01M-15/00

US-PATENT-CLASS-156-307.4
US-PATENT-CLASS-156-330.9
US-PATENT-CLASS-428-367
US-PATENT-CLASS-428-408
US-PATENT-CLASS-524-538
US-PATENT-CLASS-524-608
US-PATENT-5,252,168

N94-23077* c 34 .... INT-PATENT-CLASS-G01F-1/46
NASA-CASE-ARC-11934-1
US-PATENT-APPL-SN-660473
US-PATENT-CLASS-73-147
US-PATENT-CLASS-73-170.14
US-PATENT-CLASS-73-180
US-PATENT-CLASS-73-861.66
US-PATENT-5,241,866

N94-23078* c 37 .... INT-PATENT-CLASS-F16D-1/00
INT-PATENT-CLASS-F16H-25/20
NASA-CASE-GSC-13452-1
US-PATENT-APPL-SN-946111
US-PATENT-CLASS-244-161
US-PATENT-CLASS-403-13
US-PATENT-CLASS-403-24
US-PATENT-CLASS-439-362
US-PATENT-CLASS-74-89.15
US-PATENT-5,271,286

N94-23079* c 27 ..... NASA-CASE-LAR-13669-2
US-PATENT-APPL-SN-084064
US-PATENT-APPL-SN-892058
US-PATENT-CLASS-528-170
US-PATENT-CLASS-528-171
US-PATENT-CLASS-528-173
US-PATENT-CLASS-528-174
US-PATENT-CLASS-528-176
US-PATENT-CLASS-528-353
US-PATENT-5,272,248

N94-23082* c 37 .. INT-PATENT-CLASS-B25J-11/00
INT-PATENT-CLASS-F16B-3/00
NASA-CASE-GSC-13434-1
US-PATENT-APPL-SN-918747
US-PATENT-CLASS-403-348
US-PATENT-CLASS-403-359
US-PATENT-CLASS-901-30
US-PATENT-5,261,758

N94-23270* c 74 . INT-PATENT-CLASS-H04B-10/00
NASA-CASE-NPO-18007-2-CU
US-PATENT-APPL-SN-000902
US-PATENT-APPL-SN-703238
US-PATENT-CLASS-359-154
US-PATENT-CLASS-359-158
US-PATENT-CLASS-359-173
US-PATENT-CLASS-359-183
US-PATENT-CLASS-359-189
US-PATENT-5,267,072

N94-23305* c 27 INT-PATENT-CLASS-C07D-235/18
NASA-CASE-LAR-14643-2
US-PATENT-APPL-SN-790730
US-PATENT-APPL-SN-941816
US-PATENT-CLASS-548-145
US-PATENT-CLASS-548-305.4
US-PATENT-CLASS-548-305.7
US-PATENT-5,245,044

N94-23306* c 34 .... INT-PATENT-CLASS-G01F-1/46
INT-PATENT-CLASS-G01P-5/165
NASA-CASE-ARC-11935-1
US-PATENT-APPL-SN-690440
US-PATENT-CLASS-73-147
US-PATENT-CLASS-73-861.65
US-PATENT-5,233,865

N94-23307* c 27 ..... NASA-CASE-LAR-14797-1
US-PATENT-APPL-SN-045336
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-126
US-PATENT-CLASS-528-151
US-PATENT-CLASS-528-152
US-PATENT-CLASS-528-153
US-PATENT-CLASS-528-155
US-PATENT-CLASS-528-219
US-PATENT-5,268,444

N94-23308* c 39 ..... NASA-CASE-LAR-14654-2
US-PATENT-APPL-SN-014960
US-PATENT-APPL-SN-849612
US-PATENT-CLASS-356-32
US-PATENT-CLASS-359-67
US-PATENT-CLASS-428-1
US-PATENT-CLASS-428-409
US-PATENT-CLASS-428-480
US-PATENT-CLASS-428-913
US-PATENT-5,270,781

N94-23309* c 74 ... INT-PATENT-CLASS-G01P-3/36
NASA-CASE-ARC-11889-1-SB
US-PATENT-APPL-SN-691602
US-PATENT-CLASS-356-28.5
US-PATENT-CLASS-359-362
US-PATENT-5,264,907

N94-23310* c 09 .. INT-PATENT-CLASS-A47B-77/10
NASA-CASE-ARC-11950-1
US-PATENT-APPL-SN-829839
US-PATENT-CLASS-108-3
US-PATENT-CLASS-108-59
US-PATENT-CLASS-312-282
US-PATENT-5,261,735

N94-23311* c 27 . INT-PATENT-CLASS-C04B-35/52
NASA-CASE-ARC-11956-1-SB
US-PATENT-APPL-SN-361471
US-PATENT-APPL-SN-643629
US-PATENT-APPL-SN-880856
US-PATENT-CLASS-264-DIG.19
US-PATENT-CLASS-501-90
US-PATENT-CLASS-501-92
US-PATENT-CLASS-501-95
US-PATENT-5,223,461

N94-23312* c 71 ... INT-PATENT-CLASS-H04R-5/00
NASA-CASE-ARC-11919-1-NP
US-PATENT-APPL-SN-826749
US-PATENT-CLASS-381-17
US-PATENT-CLASS-381-24
US-PATENT-CLASS-381-26
US-PATENT-5,173,944

N94-23820* c 33 ..... NASA-CASE-NPO-17621-1-CU
US-PATENT-APPL-SN-414820
US-PATENT-APPL-SN-654439
US-PATENT-CLASS-257-2
US-PATENT-CLASS-257-528
US-PATENT-CLASS-307-201
US-PATENT-CLASS-338-13
US-PATENT-CLASS-338-38
US-PATENT-CLASS-361-500
US-PATENT-5,278,636

N94-23821*# c 33 ..... NASA-CASE-NPO-18428-1-CU
US-PATENT-APPL-SN-842297
US-PATENT-CLASS-257-15
US-PATENT-CLASS-257-199
US-PATENT-CLASS-257-476
US-PATENT-CLASS-257-480
US-PATENT-CLASS-257-482
US-PATENT-CLASS-257-486
US-PATENT-CLASS-257-506
US-PATENT-5,278,444

N94-23822* c 37 ... INT-PATENT-CLASS-B64G-1/64
NASA-CASE-MSC-21967-1
US-PATENT-APPL-SN-892053
US-PATENT-CLASS-102-504
US-PATENT-CLASS-244-161
US-PATENT-CLASS-273-84R
US-PATENT-CLASS-294-66.1
US-PATENT-CLASS-294-86.1
US-PATENT-5,279,482

N94-23823* c 33 . INT-PATENT-CLASS-H01M-10/48
NASA-CASE-NPO-18343-1-CU
US-PATENT-APPL-SN-942491
US-PATENT-CLASS-426-191
US-PATENT-CLASS-429-194
US-PATENT-CLASS-429-218
US-PATENT-CLASS-429-91
US-PATENT-5,278,000

N94-23824* c 18 . INT-PATENT-CLASS-E02D-37/00
NASA-CASE-MFS-28724-1
US-PATENT-APPL-SN-961293
US-PATENT-CLASS-114-227
US-PATENT-CLASS-52-514
US-PATENT-5,279,092

N94-23825* c 72 ... INT-PATENT-CLASS-H05H-3/00
NASA-CASE-LEW-15614-1
US-PATENT-APPL-SN-008026
US-PATENT-CLASS-250-251
US-PATENT-5,280,174

N94-23826* c 35 .. INT-PATENT-CLASS-H01L-35/12
NASA-CASE-LEW-15515-1
US-PATENT-APPL-SN-086584
US-PATENT-CLASS-136-236.1
US-PATENT-CLASS-136-241
US-PATENT-5,275,670

N94-23827* c 32 ... INT-PATENT-CLASS-G01C-3/08
INT-PATENT-CLASS-G01S-13/95
NASA-CASE-GSC-13493-1
US-PATENT-APPL-SN-929216
US-PATENT-CLASS-342-26
US-PATENT-CLASS-342-54
US-PATENT-CLASS-356-28.5
US-PATENT-CLASS-356-342
US-PATENT-CLASS-356-5
US-PATENT-5,241,315

N94-23831* c 37 .. INT-PATENT-CLASS-F04B-37/00
NASA-CASE-GSC-13565-1
US-PATENT-APPL-SN-024971
US-PATENT-CLASS-417-48
US-PATENT-CLASS-417-50
US-PATENT-5,275,537

N94-23969* c 37 ..... NASA-CASE-GSC-13502-1
US-PATENT-APPL-CLASS-188-82.2
US-PATENT-APPL-SN-986632
US-PATENT-CLASS-188-163
US-PATENT-CLASS-188-171
US-PATENT-CLASS-188-82.3
US-PATENT-CLASS-188-82.84
US-PATENT-CLASS-192-44
US-PATENT-CLASS-192-45.1
US-PATENT-5,275,261

N94-23972* c 76 . INT-PATENT-CLASS-C30B-23/02
NASA-CASE-NPO-18625-1-CU
US-PATENT-APPL-SN-912961
US-PATENT-CLASS-156-613
US-PATENT-CLASS-437-105
US-PATENT-CLASS-437-200
US-PATENT-5,273,617

N94-29351*# c 37 ..... NAS 1.71:MFS-28828-1
NASA-CASE-MFS-28828-1
US-PATENT-APPL-SN-158327

N94-29353*# c 37 ..... NAS 1.71:MFS-28697-1
NASA-CASE-MFS-28697-1
US-PATENT-APPL-SN-134443

N94-29357*# c 33 ..... NAS 1.71:NPO-18877-1-CU
NASA-CASE-NPO-18877-1-CU
US-PATENT-APPL-SN-186183

N94-29358*# c 35 ..... NAS 1.71:MFS-28817-1
NASA-CASE-MFS-28817-1
US-PATENT-APPL-SN-123629

N94-29359*# c 27 ..... NAS 1.71:LAR-14526-1
NASA-CASE-LAR-14526-1
US-PATENT-APPL-SN-870003

N94-29360*# c 32 ..... NAS 1.71:LAR-14513-1-SB
NASA-CASE-LAR-14513-1-SB
US-PATENT-APPL-SN-126286

N94-29361*# c 35 ..... NAS 1.71:ARC-12014-1
NASA-CASE-ARC-12014-1
US-PATENT-APPL-SN-125888

N94-29362*# c 71 ..... NAS 1.71:ARC-12030-1
NASA-CASE-ARC-12030-1
US-PATENT-APPL-SN-151690

N94-29363*# c 71 ..... NAS 1.71:ARC-12001-1
NASA-CASE-ARC-12001-1
US-PATENT-APPL-SN-149896

N94-29364*# c 32 ..... NAS 1.71:ARC-12013-1-CU
NASA-CASE-ARC-12013-1-CU
US-PATENT-APPL-SN-130948

N94-29365*# c 37 ..... NAS 1.71:MFS-28773-1
NASA-CASE-MFS-28773-1
US-PATENT-APPL-SN-117587

N94-29366*# c 38 ..... NAS 1.71:LAR-15046-1
NASA-CASE-LAR-15046-1
US-PATENT-APPL-SN-134444

N94-29367*# c 37 ..... NAS 1.71:MFS-28765-1
NASA-CASE-MFS-28765-1
US-PATENT-APPL-SN-143601

N94-29368*# c 35 ..... NAS 1.71:LAR-14997-1
NASA-CASE-LAR-14997-1
US-PATENT-APPL-SN-141294

N94-29369*# c 15 ..... NAS 1.71:MSC-21760-1
NASA-CASE-MSC-21760-1
US-PATENT-APPL-SN-161038

N94-29370*# c 37 ..... NAS 1.71:MSC-22424-1
NASA-CASE-MSC-22424-1
US-PATENT-APPL-SN-153595

N94-29371*# c 29 ..... NAS 1.71:NPO-18819-1-CU
NASA-CASE-NPO-18819-1-CU
US-PATENT-APPL-SN-153933

N94-29372*# c 33 ..... NAS 1.71:MFS-28855-1
NASA-CASE-MFS-28855-1
US-PATENT-APPL-SN-199924

N94-29373*# c 35 ..... NAS 1.71:NPO-19108-1-CU
NASA-CASE-NPO-19108-1-CU
US-PATENT-APPL-SN-159980

N94-29374*# c 33 ..... NAS 1.71:NPO-18757-1-CU
NASA-CASE-NPO-18757-1-CU
US-PATENT-APPL-SN-141797

N94-29375*# c 60 ..... NAS 1.71:ARC-12015-1
NASA-CASE-ARC-12015-1
US-PATENT-APPL-SN-186366

N94-29379*# c 31 ..... NAS 1.71:MFS-28767-1
NASA-CASE-MFS-28767-1
US-PATENT-APPL-SN-149889

N94-29380*# c 26 ..... NAS 1.71:MFS-28832-1
NASA-CASE-MFS-28832-1
US-PATENT-APPL-SN-158331

N94-29411*# c 33 ..... NAS 1.71:NPO-18585-1-CU
NASA-CASE-NPO-18585-1-CU
US-PATENT-APPL-SN-154322

N94-29420*# c 37 ..... NAS 1.71:NPO-19020-1-CU
NASA-CASE-NPO-19020-1-CU
US-PATENT-APPL-SN-153934

N94-29426* c 33 . INT-PATENT-CLASS-H03K-19/08
NASA-CASE-NPO-18578-1-CU
US-PATENT-APPL-SN-912956
US-PATENT-CLASS-257-323
US-PATENT-CLASS-307-201
US-PATENT-CLASS-395-24
US-PATENT-CLASS-395-25
US-PATENT-5,298,796

NASA-CASE-MFS-28707-1
US-PATENT-APPL-SN-912953
US-PATENT-CLASS-623-57
US-PATENT-CLASS-623-59
US-PATENT-CLASS-623-60
US-PATENT-5,314,500

N94-35229* c 25 ..... NASA-CASE-MSC-21487-3
US-PATENT-APPL-SN-429739
US-PATENT-APPL-SN-894505
US-PATENT-APPL-SN-995612
US-PATENT-CLASS-502-258
US-PATENT-CLASS-502-259
US-PATENT-CLASS-502-260
US-PATENT-CLASS-502-332
US-PATENT-CLASS-502-335
US-PATENT-5,314,857

N94-35230* c 44 .. INT-PATENT-CLASS-H01L-31/06
NASA-CASE-LEW-15606-1
US-PATENT-APPL-SN-955512
US-PATENT-CLASS-136-252
US-PATENT-CLASS-136-256
US-PATENT-CLASS-257-434
US-PATENT-CLASS-257-631
US-PATENT-CLASS-257-76
US-PATENT-CLASS-437-5
US-PATENT-5,322,573

N94-35231* c 32 ... INT-PATENT-CLASS-H01Q-1/24
NASA-CASE-GSC-13309-1
US-PATENT-APPL-SN-571060
US-PATENT-CLASS-343-701
US-PATENT-CLASS-455-291
US-PATENT-5,311,198

N94-35232* c 51 ..... NASA-CASE-MSC-21560-2
US-PATENT-APPL-SN-213558
US-PATENT-APPL-SN-213559
US-PATENT-APPL-SN-317931
US-PATENT-APPL-SN-939791
US-PATENT-CLASS-435-1
US-PATENT-CLASS-435-240.2
US-PATENT-CLASS-435-240.24
US-PATENT-CLASS-435-240.25
US-PATENT-5,308,764

N94-35233* c 27 .... INT-PATENT-CLASS-C08J-5/08
NASA-CASE-LAR-14838-1
US-PATENT-APPL-SN-430470
US-PATENT-APPL-SN-831763
US-PATENT-CLASS-428-473.5
US-PATENT-CLASS-525-421
US-PATENT-CLASS-525-432
US-PATENT-CLASS-525-436
US-PATENT-CLASS-525-903
US-PATENT-5,306,784

N94-35234* c 27 ..... NASA-CASE-LEW-15043-1
US-PATENT-APPL-SN-772181
US-PATENT-CLASS-528-125
US-PATENT-CLASS-528-126
US-PATENT-CLASS-528-128
US-PATENT-CLASS-528-172
US-PATENT-CLASS-528-173
US-PATENT-CLASS-528-174
US-PATENT-CLASS-528-353
US-PATENT-5,322,924

N94-35235* c 35 .. INT-PATENT-CLASS-G08B-21/00
NASA-CASE-MSC-21951-1
US-PATENT-APPL-SN-834451
US-PATENT-CLASS-340-683
US-PATENT-5,309,149

N94-35255* c 25 .. INT-PATENT-CLASS-B01J-29/06
INT-PATENT-CLASS-B01J-37/30
NASA-CASE-NPO-18409-1-CU
US-PATENT-APPL-SN-991003
US-PATENT-CLASS-502-66
US-PATENT-CLASS-502-74
US-PATENT-5,314,853

N94-35366* c 51 ..... NASA-CASE-MSC-22060-1
US-PATENT-APPL-SN-996263
US-PATENT-CLASS-435-240.24
US-PATENT-CLASS-435-240.25
US-PATENT-CLASS-435-286
US-PATENT-CLASS-435-296
US-PATENT-CLASS-435-312
US-PATENT-CLASS-435-313
US-PATENT-CLASS-435-818
US-PATENT-5,330,908

N94-35367* c 37 .. INT-PATENT-CLASS-B23K-10/02
INT-PATENT-CLASS-B23K-9/095
NASA-CASE-MFS-28797-1
US-PATENT-APPL-SN-098918
US-PATENT-CLASS-219-121.45
US-PATENT-CLASS-219-121.48
US-PATENT-CLASS-219-121.54
US-PATENT-CLASS-219-130.01
US-PATENT-5,329,089

N94-35368* c 35 . INT-PATENT-CLASS-G01D-18/00
INT-PATENT-CLASS-H04B-17/00
NASA-CASE-LAR-14672-1
US-PATENT-APPL-SN-117511
US-PATENT-CLASS-367-13
US-PATENT-5,325,339

N94-35369* c 35 .... INT-PATENT-CLASS-G01L-7/08
INT-PATENT-CLASS-G01M-9/00
NASA-CASE-LAR-14029-1
US-PATENT-APPL-SN-138046
US-PATENT-CLASS-29-454
US-PATENT-CLASS-73-147
US-PATENT-CLASS-73-715
US-PATENT-CLASS-73-756
US-PATENT-CLASS-92-103M
US-PATENT-5,325,720

N94-35372*# c 24 .. INT-PATENT-CLASS-C08L-79/08
NASA-CASE-LAR-14239-2
US-PATENT-APPL-SN-429514
US-PATENT-APPL-SN-968082
US-PATENT-CLASS-525-421
US-PATENT-CLASS-525-426
US-PATENT-CLASS-525-432
US-PATENT-CLASS-525-436
US-PATENT-CLASS-525-903
US-PATENT-5,331,063

N94-35373* c 37 .. INT-PATENT-CLASS-F16J-15/16
NASA-CASE-LEW-15570-1
US-PATENT-APPL-SN-007874
US-PATENT-CLASS-277-230
US-PATENT-CLASS-277-75
US-PATENT-5,332,239

N94-35374* c 37 .... INT-PATENT-CLASS-F16D-1/00
NASA-CASE-MSC-22028-1
US-PATENT-APPL-SN-993477
US-PATENT-CLASS-403-325
US-PATENT-CLASS-403-327
US-PATENT-CLASS-403-328
US-PATENT-CLASS-403-359
US-PATENT-CLASS-403-378
US-PATENT-CLASS-403-379
US-PATENT-5,326,186

N94-35375* c 37 . INT-PATENT-CLASS-H01R-43/00
NASA-CASE-NPO-18786-1-CU
US-PATENT-APPL-SN-048871
US-PATENT-CLASS-29-252
US-PATENT-CLASS-29-764
US-PATENT-CLASS-439-158
US-PATENT-5,329,693

N94-35383* c 35 .... INT-PATENT-CLASS-G01J-5/62
NASA-CASE-LEW-15250-1
US-PATENT-APPL-SN-991403
US-PATENT-CLASS-250-338.1
US-PATENT-CLASS-364-557
US-PATENT-CLASS-374-126
US-PATENT-CLASS-374-128
US-PATENT-CLASS-374-129
US-PATENT-CLASS-374-9
US-PATENT-5,326,172

N94-35384* c 74 ... INT-PATENT-CLASS-H04N-7/18
NASA-CASE-NPO-17837-1-CU
US-PATENT-APPL-SN-954109
US-PATENT-CLASS-348-114
US-PATENT-CLASS-348-143
US-PATENT-CLASS-348-159
US-PATENT-CLASS-395-94
US-PATENT-CLASS-901-47
US-PATENT-5,331,413

N94-35445* c 31 ..... NASA-CASE-MSC-21487-4
US-PATENT-APPL-SN-429739
US-PATENT-APPL-SN-894505
US-PATENT-APPL-SN-997265
US-PATENT-CLASS-156-345
US-PATENT-CLASS-156-643
US-PATENT-CLASS-422-129
US-PATENT-CLASS-422-186.04
US-PATENT-CLASS-422-186.05
US-PATENT-5,332,551

N94-35501* c 63 . INT-PATENT-CLASS-G06F-15/52
NASA-CASE-MSC-21381-1
US-PATENT-APPL-SN-545235
US-PATENT-CLASS-364-401
US-PATENT-CLASS-364-578
US-PATENT-5,311,422

N94-35502* c 27 ..... NASA-CASE-LEW-15306-1
US-PATENT-APPL-SN-909345
US-PATENT-CLASS-244-158R
US-PATENT-CLASS-244-163
US-PATENT-CLASS-428-336
US-PATENT-CLASS-428-421
US-PATENT-CLASS-428-422
US-PATENT-CLASS-428-432
US-PATENT-CLASS-428-433
US-PATENT-5,312,685

N94-35540*# c 44 .... INT-PATENT-CLASS-G05F-5/00
NASA-CASE-GSC-13450-2
US-PATENT-APPL-SN-127886
US-PATENT-APPL-SN-787993
US-PATENT-CLASS-136-293
US-PATENT-CLASS-323-299
US-PATENT-CLASS-323-906
US-PATENT-5,327,071

N94-35661* c 37 .. INT-PATENT-CLASS-F16K-15/02
NASA-CASE-MSC-22046-1
US-PATENT-APPL-SN-038748
US-PATENT-CLASS-137-516.29
US-PATENT-CLASS-137-528
US-PATENT-CLASS-251-65
US-PATENT-5,320,136

N94-35749* c 74 . INT-PATENT-CLASS-G01B-11/00
INT-PATENT-CLASS-G01B-9/02
NASA-CASE-NPO-18478-1-CU
US-PATENT-APPL-SN-883957
US-PATENT-CLASS-356-345
US-PATENT-CLASS-356-354
US-PATENT-CLASS-356-359
US-PATENT-CLASS-356-360
US-PATENT-5,327,219

N94-36275* c 26 ..... NASA-Case-LEW-15697-1
US-PATENT-APPL-SN-067184
US-PATENT-CLASS-148-423
US-PATENT-CLASS-148-442
US-PATENT-CLASS-420-428
US-PATENT-CLASS-420-429
US-PATENT-CLASS-420-578
US-PATENT-CLASS-420-588
US-PATENT-CLASS-75-230
US-PATENT-5,330,590

N94-36751*# c 51 ..... NAS 1.71:MSC-22336-1
NASA-CASE-MSC-22336-1
US-PATENT-APPL-SN-062856

N94-36752*# c 24 ..... NAS 1.71:LEW-15818-1
NASA-CASE-LEW-15818-1
US-PATENT-APPL-SN-238767

N94-36765*# c 51 ..... NAS 1.71:MSC-22368-1
NASA-CASE-MSC-22368-1
US-PATENT-APPL-SN-242546

N94-36766*# c 52 ..... NAS 1.71:MSC-22463-1
NASA-CASE-MSC-22463-1
US-PATENT-APPL-SN-247189

N94-36767*# c 05 ..... NAS 1.71:LAR-14569-1
NASA-CASE-LAR-14569-1
US-PATENT-APPL-SN-238044

N94-36781*# c 33 ..... NAS 1.71:LAR-14964-1-CU
NASA-CASE-LAR-14964-1-CU
US-PATENT-APPL-SN-215793

N94-36782*# c 70 ..... NAS 1.71:MFS-28930-1
NASA-CASE-MFS-28930-1
US-PATENT-APPL-SN-246460

N94-36825*# c 18 ..... NAS 1.71:MFS-28853-1
NASA-CASE-MFS-28853-1
US-PATENT-APPL-SN-283728

N94-36826*# c 09 ..... NAS 1.71:LAR-15003-1
NASA-CASE-LAR-15003-1
US-PATENT-APPL-SN-250141

N94-36838*# c 54 ..... NAS 1.71:MFS-28991-1
NASA-CASE-MFS-28991-1
US-PATENT-APPL-SN-252032

N94-36839*# c 37 ..... NAS 1.71:MSC-22327-1
NASA-CASE-MSC-22327-1
US-PATENT-APPL-SN-230571

N94-36840*# c 54 ..... NAS 1.71:MFS-28987-1
NASA-CASE-MFS-28987-1
US-PATENT-APPL-SN-252615

PUBLIC AVAILABILITY OF COPIES OF PATENTS AND PATENT APPLICATIONS

Copies of U.S. patents may be purchased directly from the U.S. Patent and Trademark Office, Washington, D.C. 20231 at $1.50 per copy. When ordering patents, the U.S. Patent Number should be used, and payment must be remitted in advance, preferably by money order or check payable to the Commissioner of Patents and Trademarks. Prepaid purchase coupons for ordering are also available from the Patent and Trademark Office.

NASA *patent application specifications* are sold in paper copy and microfiche by the NASA Center for AeroSpace Information (CASI). The N accession number should be used in ordering either paper copy or microfiche from CASI.

LICENSES FOR COMMERCIAL USE: INQUIRIES AND APPLICATIONS FOR LICENSE

NASA inventions, abstracted in *NASA PAB*, are available for nonexclusive or exclusive licensing in accordance the NASA Patent Licensing Regulations. It is significant that all licenses for NASA inventions shall be by express written instruments and that no license will be granted or implied in a NASA invention except as provided in the NASA Patent Licensing Regulations.

Inquiries concerning the NASA Patent Licensing Program or the availability of licenses for the commercial use of NASA-owned inventions covered by U.S. patents or pending applications for patent should be forwarded to the NASA Patent Counsel of the NASA installation having cognizance of the specific invention, or the Associate General Counsel for Intellectual Property, code GP, National Aeronautics and Space Administration, Washington, D.C. 20546. Inquiries should refer to the NASA Case Number, the Title of the Invention, and the U.S. Patent Number or the U.S. Application Serial Number assigned to the invention as shown in *NASA PAB*.

The NASA Patent Counsel having cognizance of the invention is determined by the first three letters or prefix of the NASA Case Number assigned to the invention. The addresses of NASA Patent Counsels are listed alongside the NASA Case Number prefix letters in the following table.

STANDING ORDER SUBSCRIPTIONS

NASA SP-7039, Section 2 and its supplements are available from the NASA Center for AeroSpace Information on standing order subscription. Standing order subscriptions do not terminate at the end of a year, as do regular subscriptions, but continue indefinitely unless specifically terminated by the subscriber.

NASA Case Number Prefix Letters	Address of Cognizant NASA Patent Counsel
ARC-xxxxx XAR-xxxxx	Ames Research Center Mail Code: 200-11A Moffett Field, California 94035 Telephone: (415) 694-5104
ERC-xxxxx XER-xxxxx HQN-xxxxx XHQ-xxxxx	NASA Headquarters Mail Code: GP Washington, DC 20546 Telephone: (202) 358-2066
GSC-xxxxx XGS-xxxxx	Goddard Space Flight Center Mail Code: 204 Greenbelt, Maryland 20771 Telephone: (301) 286-7351
KSC-xxxxx XKS-xxxxx	John F. Kennedy Space Center Mail Code: PT-PAT Kennedy Space Center, Florida 32899 Telephone: (305) 867-2544
LAR-xxxxx XLA-xxxxx	Langley Research Center Mail Code: 279 Hampton, Virginia 23365 Telephone: (804) 865-3725
LEW-xxxxx XLE-xxxxx	Lewis Research Center Mail Code: 500-318 21000 Brookpark Road Cleveland, Ohio 44135 Telephone: (216) 433-5753
MSC-xxxxx XMS-xxxxx	Lyndon B. Johnson Space Center Mail Code: AL3 Houston, Texas 77058 Telephone: (713) 483-4871
MFS-xxxxx XMF-xxxxx	George C. Marshall Space Flight Center Mail Code: CC01 Huntsville, Alabama 35812 Telephone: (205) 544-0024
NPO-xxxxx XNP-xxxxx FRC-xxxxx XFR-xxxxx WOO-xxxxx	NASA Resident Legal Office Mail Code: 180-801 4800 Oak Grove Drive Pasadena, California 91103 Telephone: (818) 354-2700

PATENT LICENSING REGULATIONS

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
14 CFR Part 1245
Patents and Other Intellectual Property Rights

AGENCY: National Aeronautics and Space Administration (NASA).

ACTION: Final Rule.

SUMMARY: 14 CFR part 1245, subpart 2, "Licensing of NASA Inventions" provides policies and procedures applicable to the licensing of federally owned inventions in the custody of the National Aeronautics and Space Administration and implements Public Law 96-517. The object of subpart 2 is to use the patent system to promote the utilization of inventions arising from NASA supported research and development.

EFFECTIVE DATE: December 13, 1990.

ADDRESS: Office of General Counsel, Code GP, NASA Headquarters, Washington, DC 20546.

FOR FURTHER INFORMATION CONTACT:
Harry Lupuloff, (202) 358-2041

SUPPLEMENTARY INFORMATION:
14 CFR part 1245, subpart 2 is amended by revising NASA position titles in §1245.208 (a), (b) and (c). Since this action is internal and administrative in nature and does not affect the existing regulations, notice and public comment are not required.

The National Aeronautics and Space Administration has determined that: (1) This rule is not subject to the requirements of the Regulatory Flexibility Act, 5 U.S.C. 601-612, since it will not exert a significant impact on a substantial number of small business entities.

(2) This rule is not a major rule as defined in Executive Order 12291.

List of Subjects in 14 CFR Part 1245

Administrative practice and procedure. Authority delegations (Government agencies). Inventions and patents.

For reasons set out in the Preamble, 14 CFR part 1245 is amended as follows:

PART 1245—PATENTS AND OTHER INTELLECTUAL PROPERTY RIGHTS

(1) The authority citation for 14 CFR part 1245, subpart 2 continues to read as follows:

Authority: 35 U.S.C. Section 207 and 208.94 Stat. 3023 and 3024.

(2) Section 1245.208 is revised to read as follows:

* * * * *

Subpart 2—Licensing of NASA Inventions

Sec.
1245.200 Scope of subpart.
1245.201 Policy and objective.
1245.202 Definitions.
1245.203 Authority to grant licenses.

Restrictions and Conditions

1245.204 All licenses granted under this subpart.

Types of Licenses

1245.205 Nonexclusive licenses.
1245.206 Exclusive and partially exclusive licenses.

Procedures

1245.207 Application for a license.
1245.208 Processing applications.
1245.209 Notice to Attorney General.
1245.210 Modification and termination of licenses.
1245.211 Appeals.
1245.212 Protection and administration of inventions.
1245.213 Transfer of custody.
1245.214 Confidentiality of information.

Authority: 35 U.S.C. Section 207 and 208.94 Stat. 3023 and 3024.

* * * * *

Subpart 2—Licensing of NASA Inventions

§1245.200 Scope of subpart.

This subpart prescribes the terms, conditions and procedures upon which a NASA invention may be licensed. It does not affect licenses which (a) were in effect prior to July 1, 1981; (b) may exist at the time of the Government's acquisition of title to the invention, including those resulting from the allocation of rights to inventions made under Government research and development contracts; (c) are the result of an authorized exchange of rights in the settlement of patent disputes; or (d) are otherwise authorized by law or treaty.

§1245.201 Policy and objective.

It is the policy and objective of this subpart to use the patent system to promote the utilization of inventions arising from NASA supported research and development.

§1245.202 Definitions.

(a) "Federally owned invention" means an invention, plant, or design which is covered by a patent, or patent application in the United States, or a patent, patent application, plant variety protection, or other form of protection, in a foreign country, title to which has been assigned to or otherwise vested in the United States Government.

(b) "Federal agency" means an executive department, military department, Government corporation, or independent establishment, except the Tennessee Valley Authority, which has custody of a Federally owned invention.

(c) "NASA Invention" means a Federally owned invention with respect to which NASA maintains custody and administration, in whole or in part, of the right, title or interest in such invention on behalf of the United States Government.

(d) "Small business firm" means a small business concern as defined at section 2 of Pub. L. 85-536 (15 U. S.C. 632) and implementing regulations of the Administrator of the Small Business Administration. For the purpose of these regulations, the size standard for small business concerns involved in Government procurement, contained in 13 CFR 121.3-8, and in subcontracting, contained in 13 CFR 121.3-12, will be used.

(e) "Practical application" means to manufacture in the case of a composition or product, to practice in the case of a process or method, or to operate in the case of a machine or system; and, in each case, under such conditions, as to establish that the invention is being utilized and that its benefits are to the extent permitted by law or Government regulations available to the public on reasonable terms.

(f) "United States" means the United States of America, its territories and possessions, the District of Columbia, and the Commonwealth of Puerto Rico.

§1245.203 Authority to grant licenses.

NASA inventions shall be made available for licensing as deemed appropriate in the public interest. NASA may grant nonexclusive, partially exclusive, or exclusive licenses thereto under this subpart on inventions in its custody.

Restrictions and Conditions

§1245.204 All licenses granted under this subpart.

(a) *Restrictions.* (1) A license may be granted only if the applicant has supplied NASA with a satisfactory plan for development or marketing of the invention, or both, and with information about the applicant's capability to fulfill the plan.

(2) A license granting rights to use or sell under a NASA invention in the United States shall normally be granted only to a licensee who agrees that any products embodying the invention or produced through the use of the invention will be manufactured substantially in the United States.

(b) *Conditions.* Licenses shall contain such terms and conditions as NASA determines are appropriate for the protection of the interests of the Federal Government and the public and are not in conflict with law or this subpart. The following terms and conditions apply to any license:

(1) The duration of the license shall be for a period specified in the license agreement, unless sooner terminated in accordance with this subpart.

(2) The license may be granted for all or less than all fields of use of the invention or in specified geographical areas, or both.

(3) The license may extend to subsidiaries of the licensee or other parties if provided for in the license but shall be nonassignable without approval of NASA, except to the successor of that part of the licensee's business to which the invention pertains.

(4) The license may provide the licensee the right to grant sublicenses under the license, subject to the approval of NASA. Each sublicense shall make reference to the license, including the rights retained by the Government, and a copy of such sublicense shall be furnished to NASA.

(5) The license shall require the licensee to carry out the plan for development or marketing of the invention, or both, to bring the invention to practical application within a period specified in the license, and to continue to make the benefits of the invention reasonably accessible to the public.

(6) The license shall require the licensee to report periodically on the utilization or efforts at obtaining utilization that are being made by the licensee, with particular reference to the plan submitted.

(7) All licenses shall normally require royalties or other consideration.

(8) Where an agreement is obtained pursuant to §1245.204(a)(2) that any products embodying the invention or produced through use of the invention will be manufactured substantially in the United States, the license shall recite such agreement.

(9) The license shall provide for the right of NASA to terminate the license, in whole or in part, if:

(i) NASA determines that the licensee is not executing the plan submitted with its request for a license and the licensee cannot otherwise demonstrate to the satisfaction of NASA that it has taken or can be expected to take within a reasonable time effective steps to achieve practical application of the invention;

(ii) NASA determines that such action is necessary to meet requirements for public use specified by Federal regulations issued after the date of the license and such requirements are not reasonably satisfied by the licensee;

(iii) The licensee has willfully made a false statement of or willfully omitted a material fact in the license application or in any report required by the license agreement; or

(iv) The licensee commits a substantial breach of a covenant or agreement contained in the license.

(10) The license may be modified or terminated, consistent with this subpart, upon mutual agreement of NASA and the licensee.

(11) Nothing relating to the grant of a license, nor the grant itself, shall be construed to confer upon any person any immunity from or defenses under the antitrust laws or from a charge of patent misuse, and the acquisition and use of rights pursuant to this subpart shall not be immunized from the operation of state or Federal law by reason of the source of the grant.

Types of Licenses

§1245.205 Nonexclusive licenses.

(a) *Availability of licenses.* Nonexclusive licenses may be granted under NASA inventions without publication of availability or notice of a prospective license.

(b) *Conditions.* In addition to the provisions of §1245.204, the nonexclusive license may also provide that, after termination of a period specified in the license agreement, NASA may restrict the license to the fields of use or geographic areas, or both, in which the licensee has brought the invention to practical application and continues to make the benefits of the invention reasonably accessible to the public. However, such restriction shall be made only in order to grant an exclusive or partially exclusive license in accordance with this subpart.

§1245.206 Exclusive and partially exclusive licenses.

(a) Domestic licenses.

(1) *Availability of licenses.* Exclusive or partially exclusive licenses may be granted on NASA inventions: (i) 3 months after notice of the invention's availability has been announced in the **Federal Register**; or (ii) without such notice where NASA determines that expeditious granting of such a license will best serve the interests of the Federal Government and the public; and (iii) in either situation, specified in (a)(1)(i) or (ii) of this section only if:

(A) Notice of a prospective license, identifying the invention and the prospective licensee, has been published in the **Federal Register**, providing opportunity for filing written objections within a 60-day period;

(B) After expiration of the period in §1245.206(a)(1)(iii)(A) and consideration of any written objections received during the period, NASA has determined that:

(1) The interests of the Federal Government and the public will best be served by the proposed license, in view of the applicant's intentions, plans, and ability to bring the invention to practical application or otherwise promote the invention's utilization by the public;

(2) The desired practical application has not been achieved, or is not likely expeditiously to be achieved, under any nonexclusive license which has been granted, or which may be granted, on the invention;

(3) Exclusive or partially exclusive licensing is a reasonable and necessary incentive to call forth the investment of risk capital and expenditures to bring the invention to practical application or otherwise promote the invention's utilization by the public; and

(4) The proposed terms and scope of exclusivity are not greater than reasonably necessary to provide the incentive for bringing the invention to practical application or otherwise promote the invention's utilization by the public;

(C) NASA has not determined that the grant of such license will tend substantially to lessen competition or result in undue concentration in any section of the country in any line of commerce to which the technology to be licensed relates, or to create or maintain other situations inconsistent with the antitrust laws; and

(D) NASA has given first preference to any small business firms submitting plans that are determined by the agency to be within the capabilities of the firms and as equally likely, if executed, to bring the invention to practical application as any plans submitted by applicants that are not small business firms.

(2) *Conditions.* In addition to the provisions of §1245.204, the following terms and conditions apply to domestic exclusive and partially exclusive licenses:

(i) The license shall be subject to the irrevocable, royalty-free right of the Government of the United States to practice and have practiced the invention on behalf of the United States and on behalf of any foreign government or international organization pursuant to any existing or future treaty or agreement with the United States.

(ii) The license shall reserve to NASA the right to require the licensee to grant sublicenses to responsible applicants, on reasonable terms, when necessary to fulfill health or safety needs.

(iii) The license shall be subject to any licenses in force at the time of the grant of the exclusive or partially exclusive license.

(iv) The license may grant the licensee the right of enforcement of the licensed patent pursuant to the provisions of Chapter 29 of Title 35, United States Code, or other statutes, as determined appropriate in the public interest.

(b) Foreign licenses.

(1) *Availability of licenses.* Exclusive or partially exclusive licenses may be granted on a NASA invention covered by a foreign patent, patent application, or other form of protection, provided that:

(i) Notice of a prospective license, identifying the invention and prospective licensee, has been published in the **Federal Register**, providing opportunity for filing written objections within a 60-day period and following consideration of such objections;

(ii) NASA has considered whether the interests of the Federal Government or United States industry in foreign commerce will be enhanced; and

(iii) NASA has not determined that the grant of such license will tend substantially to lessen competition or result in undue concentration in any section of the United States in any line of commerce to which the technology to be licensed relates, or to create or maintain other situations inconsistent with antitrust laws.

(2) *Conditions.* In addition to the provisions of §1245.204, the following terms and conditions apply to foreign exclusive and partially exclusive licenses:

(i) The license shall be subject to the irrevocable, royalty-free right of the Government of the United States to practice and have practiced the invention on behalf of the United States and on behalf of any foreign government or international organization pursuant to any existing or future treaty or agreement with the United States.

(ii) The license shall be subject to any licenses in force at the time of the grant of the exclusive or partially exclusive license.

(iii) The license may grant the licensee the right to take any suitable and necessary actions to protect the licensed property, on behalf of the Federal Government.

(c) *Record of determinations.* NASA shall maintain a record of determinations to grant exclusive or partially exclusive licenses.

Procedures

§1245.207 Application for a license.

An application for a license should be addressed to the Patent Counsel at the NASA installation having responsibility for the invention and shall normally include:

(a) Identification of the invention for which the license is desired, including the patent application, serial number or patent number, title, and date, if known;

(b) Identification of the type of license for which the application is submitted;

(c) Name and address of the person, company, or organization applying for the license and the citizenship or place of incorporation of the applicant;

(d) Name, address, and telephone number of representative of applicant to whom correspondence should be sent;

(e) Nature and type of applicant's business, identifying products or services which the applicant has successfully commercialized, and approximate number of applicant's employees;

(f) Source of information concerning the availability of a license on the invention;

(g) A statement indicating whether applicant is a small business firm as defined in §1245.202(c);

(h) A detailed description of applicant's plan for development or marketing of the invention, or both, which should include:

(1) A statement of the time, nature and amount of anticipated investment of capital and other resources which applicant believes will be required to bring the invention to practical application;

(2) A statement as to applicant's capability and intention to fulfill the plan, including information regarding manufacturing, marketing, financial, and technical resources;

(3) A statement of the fields of use for which applicant intends to practice the invention; and

(4) A statement of the geographic areas in which applicant intends to manufacture any products embodying the invention and geographic areas where applicant intends to use or sell the invention, or both;

(i) Identification of licenses previously granted to applicant under Federally owned inventions;

(j) A statement containing applicant's best knowledge of the extent to which the invention is being practiced by private industry or Government, or both, or is otherwise available commercially; and

(k) Any other information which applicant believes will support a determination to grant the license to applicant.

§1245.208 Processing applications.

(a) Applications for licenses will be initially reviewed by the Patent Counsel of the NASA installation having responsibility for the invention. The Patent Counsel shall make a preliminary recommendation to the Director of Licensing, NASA Headquarters, whether to:

(1) Grant the license as requested.

(2) Grant the license with modification after negotiation with the licensee, or

(3) Deny the license.

The Director of Licensing shall review the preliminary recommendation of the Patent Counsel and make a final recommendation to the NASA Associate General Counsel (Intellectual Property). Such review and final recommendation may include, and be based on, any additional information obtained from applicant and other sources that the Patent Counsel and the Director of Licensing deem relevant to the license requested. The determination to grant or deny the license shall be made by the Associate General Counsel (Intellectual Property) based on the final recommendation of the Director of Licensing.

(b) When notice of a prospective exclusive or partially exclusive license is published in the **Federal Register** in accordance with §1245.206(a)(1)(iii)(A) or §1245.206(b)(1)(i), any written objections received in response thereto will be considered by the Director of Licensing in making the final recommendation to the Associate General Counsel (Intellectual Property).

(c) If the requested license, including any negotiated modifications, is denied by the Associate General Counsel (Intellectual Property), the applicant may request reconsideration by filing a written request for reconsideration within 30 days after receiving notice of denial. This 30-day period may be extended for good cause.

(d) In addition to, or in lieu of requesting reconsideration, the applicant may also appeal the denial of the license in accordance with §1245.211.

Dated: November 23,1990

Richard H. Truly,
Administrator.

[FR Doc. 90-29084 Filed 12-12-90, 8:45 am]
BILLING CODE 7510-01-M

§1245.209 Notice to Attorney General.

A copy of the notice provided for in §§1245.206(a)(1)(iii)(A), and 1245.206(b)(1)(i) will be sent to the Attorney General.

§1245.210 Modification and termination of licenses.

Before modifying or terminating a license, other than by mutual agreement, NASA shall furnish the licensee and any sublicensee of record a written notice of intention to modify or terminate the license, and the licensee and any sublicensee shall be allowed 30 days after such notice to remedy any breach of the license or show cause why the license should not be modified or terminated.

§1245.211 Appeals.

(a) The following parties may appeal to the NASA Administrator or designee any decision or determination concerning the grant, denial, interpretation, modification, or termination of a license:

(1) A person whose application for a license has been denied;

(2) A licensee whose license has been modified or terminated, in whole or in part; or

(3) A person who timely filed a written objection in response to the notice required by §§1245.206(a)(1)(iii)(A) or 1245.206(b)(1)(i) and who can demonstrate to the satisfaction of NASA that such person may be damaged by the Agency action.

(b) Written notice of appeal must be filed within 30 days (or such other time as may be authorized for good cause shown) after receiving notice of the adverse decision or determination; including, an adverse decision following the request for reconsideration under §1245.208(c). The notice of appeal, along with all supporting documentation should be addressed to the Administrator, National Aeronautics and Space Administration, Washington, DC 20546. Should the appeal raise a genuine dispute over material facts, fact-finding will be conducted by the NASA Inventions and Contributions Board. The person filing the appeal shall be afforded an opportunity to be heard and to offer evidence in support of the appeal. The Chairperson of the Inventions and Contributions Board shall prepare written findings of fact and transmit them to the Administrator or designee. The decision on the appeal shall be made by the NASA Administrator or designee. There is no further right of administrative appeal from the decision of the Administrator or designee.

§1245.212 Protection and administration of inventions.

NASA may take any suitable and necessary steps to protect and administer rights to NASA inventions, either directly or through contract.

§1245.213 Transfer of custody.

NASA having custody of certain Federally owned inventions may transfer custody and administration in whole or in part, to another Federal agency, of the right, title, or interest in any such invention.

§1245.214 Confidentiality of information.

Title 35, United States Code, section 209, provides that any plan submitted pursuant to §1245.207(h) and any report required by §1245.204(b)(6) may be treated by NASA as commercial and financial information obtained from a person and privileged and confidential and not subject to disclosure under section 552 of Title 5 of the United States Code.

James M. Beggs,
Administrator.

October 15, 1981.

[FR Doc. R1-31609 Filed 10-30-81, 8:45 am]
BILLING CODE 7510-01-M

REPORT DOCUMENTATION PAGE

1. Report No. NASA SP-7039 (46)	2. Government Accession No.	3. Recipient's Catalog No.
4. Title and Subtitle NASA Patent Abstracts Bibliography A Continuing Bibliography Section 2: Indexes (Supplement 46)		5. Report Date January 1994 6. Performing Organization Code. JTT
7. Author(s)		8. Performing Organization Report No. 10. Work Unit No.
9. Performing Organization Name and Address NASA Scientific and Technical Information Office		11. Contract or Grant No.
12. Sponsoring Agency Name and Address National Aeronautics and Space Administration Washington, DC 20546-0001		13. Type of Report and Period Covered Special Publication 14. Sponsoring Agency Code

15. Supplementary Notes
Section 2: Indexes

16. Abstract

A subject index is provided for over 5600 patents and patent applications for the period May 1969 through December 1994. Additional indexes list personal authors, corporate authors, contract numbers, NASA case numbers, U.S. patent class numbers, U.S. patent numbers, and NASA accession numbers.

17. Key Words (Suggested by Author(s)) Bibliographies Patent Policy NASA Programs		18. Distribution Statement Unclassified - Unlimited Subject Category - 82	
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of Pages 634	22. Price * A99/HC

* For sale by the NASA Center for AeroSpace Information, 800 Elkridge Landing Road, Linthicum Heights, MD 21090-2934

ACCESSION NUMBER RANGES

Bibliography Number	*STAR Accession Numbers*
NASA SP-7039 (04) SEC 1	N69-20701 - N73-33931
NASA SP-7039 (12) SEC 1	N74-10001 - N77-34042
NASA SP-7039 (13) SEC 1	N78-10001 - N78-22018
NASA SP-7039 (14) SEC 1	N78-22019 - N78-34034
NASA SP-7039 (15) SEC 1	N79-10001 - N79-21993
NASA SP-7039 (16) SEC 1	N79-21994 - N79-34158
NASA SP-7039 (17) SEC 1	N80-10001 - N80-22254
NASA SP-7039 (18) SEC 1	N80-22255 - N80-34339
NASA SP-7039 (19) SEC 1	N81-10001 - N81-21997
NASA SP-7039 (20) SEC 1	N81-21998 - N81-34139
NASA SP-7039 (21) SEC 1	N82-10001 - N82-22140
NASA SP-7039 (22) SEC 1	N82-22141 - N82-34341
NASA SP-7039 (23) SEC 1	N83-10001 - N83-23266
NASA SP-7039 (24) SEC 1	N83-23267 - N83-37053
NASA SP-7039 (25) SEC 1	N84-10001 - N84-22526
NASA SP-7039 (26) SEC 1	N84-22527 - N84-35284
NASA SP-7039 (27) SEC 1	N85-10001 - N85-22341
NASA SP-7039 (28) SEC 1	N85-22342 - N85-36162
NASA SP-7039 (29) SEC 1	N86-10001 - N86-22536
NASA SP-7039 (30) SEC 1	N86-22537 - N86-33262
NASA SP-7039 (31) SEC 1	N87-10001 - N87-20170
NASA SP-7039 (32) SEC 1	N87-20171 - N87-30248
NASA SP-7039 (33) SEC 1	N88-10001 - N88-20253
NASA SP-7039 (34) SEC 1	N88-20254 - N88-30583
NASA SP-7039 (35) SEC 1	N89-10001 - N89-20085
NASA SP-7039 (36) SEC 1	N89-20086 - N89-30155
NASA SP-7039 (37) SEC 1	N90-10001 - N90-20043
NASA SP-7039 (38) SEC 1	N90-20044 - N90-30170
NASA SP-7039 (39) SEC 1	N91-10001 -N91-21058
NASA SP-7039 (40) SEC 1	N91-21059 - N91-33053
NASA SP-7039 (41) SEC 1	N92-10001 - N92-22095
NASA SP-7039 (42) SEC 1	N92-22096 - N92-34247
NASA SP-7039 (43) SEC 1	N93-10001 - N93-19958
NASA SP-7039 (44) SEC 1	N93-19959 - N93-32425
NASA SP-7039 (45) SEC 1	N94-10001 - N94-25542
NASA SP-7039 (46) SEC 1	N94-25543 - N94-37856

National Aeronautics and
Space Administration
Code JTT
Washington, DC 20546-0001

Official Business
Penalty for Private Use, $300

SPECIAL FOURTH-CLASS RATE
POSTAGE & FEES PAID
NASA
Permit No. G-27